



MISSOURI DEPARTMENT OF NATURAL RESOURCES
WATER PROTECTION PROGRAM

**MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)
STORMWATER MANAGEMENT PROGRAM REPORT MOR04 AND
SITE SPECIFIC**

FOR OFFICE USE ONLY	
PROJECT ID NUMBER	
DATE RECEIVED	

Part A – MS4 PERMIT HOLDER INFORMATION

1. MS4 NAME	2. NPDES PERMIT NUMBER	3. MS4 UNIQUE ID NO. (If applicable – co-permittees only)	
4. ADDRESS	5. CITY	6. STATE	7. ZIP CODE
8. TELEPHONE NUMBER WITH AREA CODE	9. NAME OF MS4 CONTACT PERSON		
10. EMAIL OF MS4 CONTACT PERSON			

11. Is the MS4 contact person listed above different from the most recent MS4 stormwater management program report?
 Yes No

12. Have any areas of the MS4 been added or removed from the MS4 jurisdiction due to annexation or other legal means since the most recent permit application (renewal, new, modification), or most recent MS4 stormwater management program report?
 Yes No
 If **Yes**, attach a map showing the changes.

Part B – REPORTING REQUIREMENTS

1. Is your MS4 subject to a Total Maximum Daily Load (TMDL)? Yes No
 If Yes, you are required to submit the MS4 Assumptions And Requirements Attainment Plan (ARAP) report annually. Reports are due **Feb. 28** each year. See Part F of this form.

2. Is your MS4 newly permitted (i.e., is this your first MS4 permit)? Yes No

3. If you are part of a co-permitted MS4 permit, did each co-permitted MS4 submit an individual stormwater management program report, or a combined MS4 stormwater management program report? Individual Combined

4. Reporting Period (i.e., the previous year from January 1st to December 31st)
 BEGINNING: _____ ENDING: _____

Part C – STORMWATER MANAGEMENT PROGRAM REPORT PROGRESS AND COMPLIANCE

As an attachment, provide information for each of the items below. Provide informative data, success stories, and experiences that support the successful implementation of your stormwater management plan (SWMP).

1. 1. Describe your stormwater program's efforts toward compliance with your MS4 permit and SWMP requirements. **(This section may be a summary encompassing the overall efforts of the stormwater program, but should include details regarding progress toward achieving the statutory goal of reducing the discharge of pollutants to the MS4 to the maximum extent practicable. The summary does not necessarily need to breakdown efforts for each Minimum Control Measure (MCM) and the Best Management Practices (BMPs) implemented for each MCM unless the permittee would like to specifically highlight something.)**

2. If another governmental entity implements any BMPs or MCMs for your stormwater program, provide the following:
 a. Name of the government entity;
 b. Name of the primary contact for the government entity;
 c. Contact information (i.e., address, city, ZIP code, state, and phone number); and
 d. Specific best management practices or minimum control measures being implemented by the government entity.

 It is the responsibility of the permittee to provide all information under this report regardless if programmatic BMPs or MCMs are being implemented by another governmental entity. If an entire MCM is being implemented by an alternative governmental entity, indicate that under the appropriate MCM below.

3. Provide a description of any changes to the stormwater management program, programmatic BMPs, measurable goals, and the iterative process that have occurred during the covered reporting period. **(See Part D of this form)**

4. Provide a list of programmatic BMPs that were evaluated during the reporting period, and provide information on how the BMP was determined effective. **(See Part D of this form)**
 a. If any of the programmatic BMPs were determined to be ineffective, provide a summary on how the ineffective BMP was resolved.

5. If any water samples were collected and analyzed during the covered reporting period by the permitted MS4 or on behalf of the permitted MS4, complete Part E – Water Sample(s) Analysis. This part may be uploaded as an attachment. **(This is not meant for samples collected during MCM 3 field screenings or illicit discharge investigations; those results should be retained in your SWMP.)**

PART D – MINIMUM CONTROL MEASURES, BEST MANAGEMENT PRACTICES, AND MEASURABLE GOALS EVALUATION

CHECK HERE if necessary attachments are uploaded for any item under the MCMs below.

MCM 1. Public Education and Outreach

Were any changes made to MCM 1 during the reporting period? Yes No

4.1.A Were any changes to 4.1.A made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.1.A evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.1.A successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.1.A determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.1.B Were any changes to 4.1.B made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.1.B evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.1.B successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.1.B determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.1.C Were any changes to 4.1.C made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all **BMPs** for 4.1.C evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.1.C successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.1.C determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

MCM 2. Public Involvement and Participation

Were any changes made to MCM 2 during the reporting period? Yes No

4.2.A (Completing 4.2.A in this form is only applicable during permit renewal OR as a result of major modification to the SWMP. If neither of these apply during this reporting period, check N/A here and skip to 4.2.C below.) N/A

Were any changes to 4.2.A made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all **BMPs** for 4.2.A evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.2.A successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.2.A determined effective/successful for this reporting period? Yes No
If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.
If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.2.B (Completing 4.2.B in this form is only applicable during permit renewal OR as a result of major modification to the SWMP. If neither of these apply during this reporting period, check N/A here and skip to 4.2.C below.) N/A

Were any changes to 4.2.B made during reporting period? Yes No
If **Yes**, include an attachment describing changes.

Were all BMPs for 4.2.B evaluated during reporting period? Yes No
If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.2.B successfully reached? Yes No
If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.2.B determined effective/successful for this reporting period? Yes No
If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.
If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.2.C Were any changes to 4.2.C made during reporting period? Yes No
If **Yes**, include an attachment describing changes.

Were all BMPs for 4.2.C evaluated during reporting period? Yes No
If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.2.C successfully reached? Yes No
If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.2.C determined effective/successful for this reporting period? Yes No
If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.
If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.2.D If the permittee does not currently utilize a stormwater management panel or committee, did the permittee evaluate the potential benefits of utilizing a stormwater management panel or committee? Yes No

If **Yes**, will the permittee utilize a stormwater management panel or committee during the next reporting period? Yes No
If **No**, 4.2.D is not applicable. The permittee does not utilize a stormwater management panel or committee. Check here if N/A.

Were any changes to 4.2.D made during reporting period? Yes No
If **Yes**, include an attachment describing changes.

Were all BMPs for 4.2.D evaluated during reporting period? Yes No
If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.2.D successfully reached? Yes No
If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.2.D determined effective/successful for this reporting period? Yes No
If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.
If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

MCM 3. Illicit Discharge Detection and Elimination

Were any changes made to MCM 3 during the reporting period? Yes No

4.3.A Were any changes to 4.3.A made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.3.A evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.3.A successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.3.A determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.3.B Were any changes to 4.3.B made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.3.B evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.3.B successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.3.B determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.3.C Were any changes to 4.3.C made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.3.C evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.3.C successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.3.C determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes** include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.3.D Were any changes to 4.3.D made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.3.D evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.3.D successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.3.D determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.3.F Were any changes to 4.3.F made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.3.F evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.3.F successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.3.F determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.3.G

Were any changes to 4.3.G made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.3.G evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.3.G successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.3.G determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

MCM 4. Construction Site Stormwater Runoff Control

Were any changes made to MCM 4 during the reporting period? Yes No

4.4.A Were any changes to 4.4.A made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.4.A evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.4.A successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.4.A determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.4.B Were any changes to 4.4.B made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.4.B evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.4.B successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.4.B determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.4.C Were any changes to 4.4.C made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.4.C evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.4.C successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.4.C determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.4.D Were any changes to 4.4.D made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.4.D evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.4.D successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.4.D determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.4.E Were any changes to 4.4.E made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.4.E evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.4.E successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.4.E determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.4.F Were any changes to 4.4.F made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.4.F evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.4.F successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.4.F determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.4.G Were any changes to 4.4.G made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.4.G evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.4.G successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.4.G determined effective/successful for this reporting period? Yes No
If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No
If **Yes**, include an attachment describing how the BMP will be modified or replaced.
If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

MCM 5. Post-Construction Stormwater Management in New Development and Redevelopment

Were any changes made to MCM 5 during the reporting period? Yes No

4.5.A Were any changes to 4.5.A made during reporting period? Yes No
If **Yes**, include an attachment describing changes.

Were all BMPs for 4.5.A evaluated during reporting period? Yes No
If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.5.A successfully reached? Yes No
If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.5.A determined effective/successful for this reporting period? Yes No
If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.
If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.5.B Were any changes to 4.5.B made during reporting period? Yes No
If **Yes**, include an attachment describing changes.

Were all BMPs for 4.5.B evaluated during reporting period? Yes No
If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.5.B successfully reached? Yes No
If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.5.B determined effective/successful for this reporting period? Yes No
If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.
If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.5.C Were any changes to 4.5.C made during reporting period? Yes No
If **Yes**, include an attachment describing changes.

Were all BMPs for 4.5.C evaluated during reporting period? Yes No
If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.5.C successfully reached? Yes No
If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.5.C determined effective/successful for this reporting period? Yes No
If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.
If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.5.D Were any changes to 4.5.D made during reporting period? Yes No
If **Yes**, include an attachment describing changes.

Were all BMPs for 4.5.D evaluated during reporting period? Yes No
If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.5.D successfully reached? Yes No
If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.5.D determined effective/successful for this reporting period? Yes No
If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.
If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.5.E Were any changes to 4.5.E made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.5.E evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.5.E successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.5.E determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

MCM 6. Pollution Prevention/Good Housekeeping for Municipal Operations

Were any changes made to MCM 6 during the reporting period? Yes No

4.6.A Were any changes to 4.6.A made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.6.A evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.6.A successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.6.A determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.6.B Were any changes to 4.6.B made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.6.B evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.6.B successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.6.B determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.6.C Were any changes to 4.6.C made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.6.C evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.6.C successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.6.C determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.6.D Were any changes to 4.6.D made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.6.D evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.6.D successfully reached? Yes No
If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.6.D determined effective/successful for this reporting period? Yes No
If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.
If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.6.E Were any changes to 4.6.E made during reporting period? Yes No
If **Yes**, include an attachment describing changes.

Were all BMPs for 4.6.E evaluated during reporting period? Yes No
If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.6.E successfully reached? Yes No
If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.6.E determined effective/successful for this reporting period? Yes No
If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.
If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.6.F Were any changes to 4.6.F made during reporting period? Yes No
If **Yes**, include an attachment describing changes.

Were all BMPs for 4.6.F evaluated during reporting period? Yes No
If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.6.F successfully reached? Yes No
If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.6.F determined effective/successful for this reporting period? Yes No
If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.
If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.6.G Were any changes to 4.6.G made during reporting period? Yes No
If **Yes**, include an attachment describing changes.

Were all BMPs for 4.6.G evaluated during reporting period? Yes No
If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.6.G successfully reached? Yes No
If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.6.G determined effective/successful for this reporting period? Yes No
If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.
If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.6.H Were any changes to 4.6.H made during reporting period? Yes No
If **Yes**, include an attachment describing changes.

Were all BMPs for 4.6.H evaluated during reporting period? Yes No
If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.6.H successfully reached? Yes No
If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.6.H determined effective/successful for this reporting period? Yes No
If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.
If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

4.6.I

4.6.I is not applicable. The permittee does not have any new flood management projects. Check here if N/A.

Were any changes to 4.6.I made during reporting period? Yes No

If **Yes**, include an attachment describing changes.

Were all BMPs for 4.6.I evaluated during reporting period? Yes No

If **No**, include an attachment describing what BMPs were not evaluated and why.

Were the **measurable goals** for all BMPs for 4.6.I successfully reached? Yes No

If **No**, were the measurable goals evaluated/modified in an effort for success in the next reporting period? Yes No

Were the **BMPs** for 4.6.I determined effective/successful for this reporting period? Yes No

If **No**, were the BMPs determined to be ineffective/unsuccessful evaluated for modification or replacement? Yes No

If **Yes**, include an attachment describing how the BMP will be modified or replaced.

If **No**, include an attachment describing why the ineffective/unsuccessful BMPs were not evaluated for modification or replacement.

Part E – WATER SAMPLE(S) ANALYSIS

PARAMETER OR INDICATOR	FREQUENCY or DATE (Ongoing monitoring, single event)	RESULT	DRY WEATHER SAMPLE?	WET WEATHER SAMPLE?
			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

1. Are any of the parameters being sampled due to the MS4 being subject to an established or approved Total Maximum Daily Load?

Yes No

If **Yes**, indicate the parameter/pollutant.

2. Does the data support water quality attainment or support trend data toward water quality attainment?

Yes No

If **Yes**, describe.

Part F – TOTAL MAXIMUM DAILY LOAD (TMDL) ASSUMPTIONS AND REQUIREMENTS ATTAINMENT PLAN (ARAP)

1. Is your MS4 subject to an established or approved TMDL? If no, indicate "No" below and do not complete any other portion of the TMDL Assumptions and Requirements Attainment Plan portion of this report. Yes No

2. Has your TMDL ARAP been completed and submitted? If no, provide a summary as an attachment on the progress toward submitting and implementing the TMDL Assumptions and Requirements Attainment Plan. Yes No

4. Does the TMDL ARAP incorporate Integrated Planning? If **Yes**, provide a summary of the status of the Integrated Plan. Yes No

PART G – SUBMIT REPORT TO:

The facility must register in the Department's eDMR system through the Missouri Gateway for Environmental Management (MoGEM) before the first report is due. Registration and other information regarding MoGEM can be found at [MoGEM Splash Page](#). Information about the eDMR system can be found on the [eDMR Splash Page](#). To access the eDMR system, use: [MoGEM Login](#). For assistance using the eDMR system, contact edmr@dnr.mo.gov or call 855-789-3889 or 573-526-2082.

OPTIONAL QUESTIONS REGARDING MILITARY SERVICE

Have you or an immediate family member ever served in the U.S. Armed Forces? Yes No

If yes, would you like information about military-related services in Missouri? Yes No

PART H - CERTIFICATION

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.

SIGNATURE OR PERMITTEE (LEGALLY RESPONSIBLE PERSON)

DATE SIGNED

NAME (PRINTED OR TYPED)

TITLE

PART H - CERTIFICATION

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.

SIGNATURE OR PERMITTEE (LEGALLY RESPONSIBLE PERSON)	DATE SIGNED
NAME (PRINTED OR TYPED) Bill Florea	TITLE Director, Resource Management

PART H - CERTIFICATION

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.

SIGNATURE OR PERMITTEE (LEGALLY RESPONSIBLE PERSON)	DATE SIGNED
NAME (PRINTED OR TYPED) Dennis Elmore	TITLE Director, Environmental Health & Safety

MO 780-1846 (12-22)

PART H - CERTIFICATION

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.

SIGNATURE OR PERMITTEE (LEGALLY RESPONSIBLE PERSON)	DATE SIGNED
NAME (PRINTED OR TYPED) Erin Keys	TITLE Director, Utilities

MO 780-1846 (12-22)

Stormwater Annual Report

Columbia/Boone County/University of Missouri

Small MS4 Co-Permit MO-0136557

January 01, 2025 – December 31, 2025

C. SWMP Report Progress and Compliance

1. Describe your stormwater program's efforts toward compliance with your MS4 permit and SWMP requirements.

The City of Columbia (City), Boone County (County) and the University of Missouri (MU) have worked hard throughout the year to realize the stormwater goals outlined in the SWMP. Explanations of the work completed for each Minimum Control Measure (MCM) are described below.

MCM 1: Public Education and Outreach

The City, County and MU employ staff to provide stormwater public education and outreach programs that address the community. The co-permittees have approximately twelve staff members that work closely together to transcend jurisdictional boundaries in favor of a watershed-based approach. This demonstrates a significant commitment to stormwater education activities and the co-permittee's overall goal of educating their citizens to reduce pollutants entering receiving waters to the maximum extent practicable (MEP). The co-permittees are dedicated to preserving water quality in the community to protect, maintain and enhance the immediate and long-term health, safety, and general welfare of their citizens.

The co-permittees are working together to implement a public education program focused on stormwater discharges and their relative impacts on water quality, as well as informing the public of measures they can take to reduce pollutants in stormwater runoff. The target audiences continue to be students in each sector (elementary, high school and university), faculty, staff, contractors, developers, engineers, inspectors, interest groups, event participants, and the general public. Target pollution sources continue to be pet waste, yard

maintenance, winter road treatment and storage, land disturbance, household hazardous waste, private sanitary sewer systems, swimming pools, fats, oils and grease, and industrial and agricultural activities.

Raising citizens' understanding and awareness of stormwater impacts and issues is the primary goal of MCM 1 and the permittee's level of commitment to education and outreach programs is significant. Many citizens had some type of direct contact with the stormwater outreach program during 2025. Many more people had contact through social or traditional media outlets.

On December 9, 10, and 11, 2025, the City met to review and revise ordinances and the stormwater management plan including the six MCMs by providing lunch and learn opportunities at Parks Management Center, Public Works Grissum Building, and at City Hall. The meeting was beneficial, as it provided an opportunity to meet and discuss stormwater issues. The City plans to hold an annual meeting to discuss various SWMP topics.

For this reporting period, the co-permittees implemented/conducted/continued the following:

The City continued collaborating with a diverse range of groups to develop a comprehensive stormwater education program that highlights the benefits of enhanced stormwater quality. This program not only educates the public on the importance of improved water management but also provides actionable techniques to help improve stormwater quality. Through these efforts, including the strategic use of social media platforms, the City raised awareness of stormwater issues and engaged the community in real-time. Educational materials were shared widely, reaching a broader audience and encouraging proactive participation in protecting local water resources:

- City staff actively used the City of Columbia's social media platforms — including Facebook, YouTube, Instagram, LinkedIn, and Twitter — to educate residents about stormwater issues and promote best management practices. These online efforts help raise awareness about how individual actions impact our local waterways, while providing practical tips for protecting water quality, reducing pollution, and managing stormwater on residential and commercial properties. Through digital outreach, the City continues to engage with the community, support environmental stewardship, and advance the goals of our Stormwater Management Program.
- The City of Columbia continues to prioritize public education on stormwater management through a variety of communication channels. The program published educational articles in *City Source*, the City's newsletter available both in print and online, providing residents with helpful Best Management Practices (BMP) tips for protecting local waterways. Additionally, press releases were distributed to inform the public about upcoming events, volunteer opportunities, and stormwater-related activities — helping to keep the community engaged and informed about how to play an active role in improving water quality across Columbia.

- City staff participated in interviews with local news outlets to discuss the importance of protecting Columbia's watersheds. These interviews provided an opportunity to educate the public about how individual actions impact local water quality and to highlight the City's efforts in promoting watershed protection and environmental stewardship.
- The City's Storm Water Utility website was regularly updated with new resources, educational materials, and best management practices (BMPs) to help residents stay informed about stormwater issues.

Outreach activities for the City of Columbia included:

- City staff continued to provide presentations to local community groups, businesses, schools, and organizations to promote stormwater protection and share best management practices (BMPs). These outreach efforts help raise awareness about the importance of protecting our watersheds and encourage responsible environmental stewardship throughout the community.
- Presented the classroom activity "Streams in the Classroom" is an educational program designed to bring the study of local streams and water ecosystems into the classroom setting. The goal of the program is to help students understand the vital role streams play in the environment, particularly in relation to stormwater management, water quality, and biodiversity.
- The City organized in-depth educational tours of the 3M Hinkson/Flat Branch Wetland outdoor classroom, providing local schools, community groups, and organizations with the opportunity to explore and learn about the importance of wetlands in stormwater management, biodiversity, and environmental conservation. These guided tours allowed participants to engage with the ecosystem firsthand, observe native plant and animal species, and understand the critical role the wetland plays in filtering water and protecting local water quality. The tours were designed to foster environmental stewardship and enhance awareness about sustainable practices in the community.
- The City facilitated stream and roadside litter cleanups throughout the community in collaboration with local volunteers and Missouri Stream Teams. These efforts helped remove trash and debris from local waterways and roadways, improving water quality, enhancing natural habitats, and promoting community pride. By partnering with dedicated volunteers and environmental groups, these cleanups not only helped beautify the area but also raised awareness about the impact of litter on stormwater systems and the environment.
- The City implemented a storm drain marker program, distributing markers to participants' homes for use on local storm drains in their neighborhoods. This initiative encourages community involvement in raising awareness about the importance of keeping stormwater systems free of pollutants. In addition to the community-driven efforts, City staff continue to apply markers throughout the city whenever possible, reinforcing the message that storm drains are connected directly to local water bodies and should not be used for disposing of waste.

- The City continued its winter “Salt Smart” program to remind residents to use de-icing salt sparingly during winter weather events. The initiative focused on educating the community about the environmental impacts of over-salting, particularly on local water quality and surrounding ecosystems. By encouraging residents to apply only the amount of salt necessary, the program aims to reduce polluted runoff and promote more sustainable winter maintenance practices. The campaign generated strong engagement on social media, helping expand its reach and increase public awareness. Additional outreach included press releases issued during major storm events, reinforcing the Salt Smart message. The program also received coverage from local radio, television news, and newspapers, further supporting community education and encouraging responsible salt use across Columbia.
- The City’s roadside watershed signs are a key educational tool used throughout a variety of stormwater outreach efforts to help residents better understand the important role watersheds play in our community. Installed along roadsides throughout the City, these signs identify the watershed a person is currently in, serving as a daily reminder that our actions on land directly impact our local streams and rivers. These signs are also an integral part of the *Streams in the Classroom* program, where they help students visualize and connect classroom lessons to the real-world environment around them. Additionally, the signs are regularly featured on the City’s social media platforms, helping expand their reach and educate a broader audience about the interconnectedness of local water systems. Whether seen while driving, used as teaching tools in schools, or featured online, these watershed signs tie together the City’s educational messaging and provide the public with a better overall understanding of the stormwater challenges we face. They serve as a constant visual reminder that we all live in a watershed — and that protecting water quality starts with individual and community action.
- Through the use of native plants, the City creates opportunities to engage the community in conversations about stormwater runoff and pollution prevention. By encouraging residents to incorporate native plants into their landscaping, we promote natural solutions that help reduce stormwater runoff, filter pollutants, and protect the health of our local streams. As part of this effort, our *CoMo Wild Yards* program supports residents in creating rain gardens, pollinator zones, and other green infrastructure practices that help manage stormwater at home while enhancing biodiversity. Additionally, the City utilizes social media to reach a broader audience, sharing educational content on stormwater issues, best management practices (BMPs), and cost-effective solutions residents can implement in their own yards to protect water quality and promote sustainability. CoMo Wild Yards did 50 home consultation in 2025.
- The Stormwater Utility utilizes local radio stations KBIA and KBXR throughout the year to deliver timely stormwater education messages and promote best management practices (BMPs) to a broad listening audience. These public service announcements cover a range of topics, including proper pet waste disposal and responsible winter salt application techniques to reduce environmental impacts. By leveraging two of the most

widely listened-to stations in the Columbia area, the Stormwater Utility is able to effectively reach a large and diverse population, increasing public awareness and encouraging behavior changes that help protect local water quality.

- The Earth Day Art Contest provided an opportunity for Boone County students to showcase their creativity while reflecting on the importance of the local environment. The contest was a collaborative effort between the City of Columbia, Boone County, and the University of Missouri. Open to all kindergarten through 12th-grade students, the contest was offered at no cost, ensuring accessibility for participants across the community. The 2026 theme, *“How the animals, plants, and nature in Boone County make your life better or more fun,”* encouraged students to explore and illustrate their personal connections to the natural environment. Participants submitted original artwork in a variety of mediums, including drawings, paintings, and illustrations. All submissions were required to focus on Boone County, highlighting local ecosystems and natural features. Common themes included native wildlife, regional plant life, natural landscapes, and freshwater resources such as creeks, streams, wetlands, and the Missouri River. For more information about the 2025 Art Contest winners, visit <https://www.como.gov/sustainability/earth-day-art-contest-winners/>

City Activities for 2025:

- Streams in the Classroom with Benton – 3rd Grade
- Capstone students Jefferson Middle School - 8th Grade
- West Ash Neighborhood Pollinator Day
- Water Festival w/ Boone County
- Stormwater Art Contest with Two Mile Prairie Elementary School
- Stormwater: Know Your Watershed Two Mile Prairie Elementary School
- Streams in the Classroom with Benton – 1st Grade
- Benton Elementary’s 2nd and 5th Grade bees and invasive species research projects.
- Stormwater: Know Your Watershed Ulysses S. Grant Elementary School
- Creek Week with Boone County
- Roadside litter and stream cleanups Streams in the Classroom with Benton - Kindergarten
- Streams in the Classroom with Jefferson Middle School
- Fall Tree Distribution with the Salvation Army Harbor House
- ‘The Language Tree’ Tree Planting
- Earth Day Art Contest

Boone County stormwater presentations were provided to four (4) local school districts and one (1) university, resulting in approximately 1,050 interactions with students:

- Hosted a booth at Speaker’s Circle on the University of Missouri campus to engage students about watershed stewardship provide information about the Greater Bonne Femme Watershed Initiative
- Members of the Ashland FFA and Southern Boone Middle School Agriculture Club planted native Blue Star plants into a local bioretention basin
- Presented the classroom activity “Who Polluted...” to the following schools:
 - Centralia Intermediate 5th Grade
 - Two Mile Prairie
- Enviroscape Presentations occurred at the following programs:
 - Ashland Summer Camp
 - Armony UPOP
- Partnered with Girls in Stem to mark storm drains as discuss watershed stewardship:
 - Lange Middle School
 - New Haven Elementary
 - Grant Elementary
 - Parkade Elementary
- Partnered with Rock Bridge Memorial State Park Interpretive Program focused on connecting students to the park, cave systems, streams, and ecosystems. Multiple programs occurred:
 - Cedar Ridge Elementary
 - Bueker Middle School
 - Rock Bridge Elementary
 - Oakland Middle School
 - Armory
 - Hallsville Schools
- Hosted a 3M Wetland Tour for Grant Elementary 5th grade students.
- Hosted stream table workshops for the following schools:
 - Grant Elementary 2nd and 4th Grades
 - Midway Elementary 2nd, 4th, and 5th Grades

Boone County provided 25 stormwater education and outreach events to the public, resulting in approximately 2,871 interactions with the community:

- Hosted a presentation about the Hinkson Creek Collaborative Adaptive Management (CAM) chloride study. Hosted the inaugural Creek Week, which offered a full week of educational, recreational, and volunteer events that highlight the importance of protecting water resources:
 - Litter Clean Up at Nifong Park
 - Fishing Night at Boone County Nature School
 - Explore Native Plants at the Southern Boone County Public Library
 - RagTag Movie Night and Panel Discussion
 - Sunset Watershed Hike at Three Creeks Conservation Area
 - Water Festival at Rock Bridge Memorial State Park
- Hosted an information booth at the Missouri Show-Me Games opening ceremony.
- Hosted an information booth at the Butterfly Festival at the University of Missouri's Jefferson Farm & Garden.
- Hosted an information booth at the Tomato Festival at the University of Missouri's Jefferson Farm & Garden.
- Hosted an interactive educational booth at the annual Earth Day Festival in downtown Columbia.
- Hosted an educational booth at the annual Boone County READY Festival.
- Hosted an educational booth at the Boone County Home Show.
- Hosted an information booth at the South Farm Showcase, at the University of Missouri's Bradford Research Farm.
- Hosted an interactive education booth at the Fix-it-Fair.
- Partnered with the Southern Boone Area YMCA to provide stormwater education activities for their after-school program.
- A Stormwater Ordinance Training was hosted for developers, contractors, engineers, and other industry professionals to provide an update on the revisions made to county's stormwater ordinance.
- The Stormwater Educator served as an interpretive guide for the Katy Trail Fall Tram Tour.
- Hosted an information booth at the Ashland Fall Festival.
- The Stormwater Educator presented Boone County's chloride efforts and the creation of a Chloride Task Force at the MWEA Stormwater Expo.



Figure 1. Participant fishing at Creek Week's Fishing Night.

- The Urban Hydrologist presented to the Boone’s Lick Master Naturalists about the greater Bonne Femme Watershed Initiative.
- The Urban Hydrologist led a First Day Hike at Rock Bridge Memorial State Park.
- Agents of Discovery Missions: The Agents of Discovery app is a digital education technology platform that features a web-based dashboard where educators can turn educational content into augmented reality games to engage citizens and provide a fun way to learn about Boone County. The app featured missions at the 3M Wetlands, Columbia Center for Urban Agriculture and the Boone County Courtyard.
- Missouri Explorer Campaign: Bass Pro Shops, Wonders of Wildlife, U.S. Forest Service, Missouri Department of Conservation, Boone County, Ancient Ozarks natural History Museum, Dogwood Canyon, and Jefferson City Parks and Recreation came together to get people exploring, learning, and having fun engaging with their communities. Boone County hosted two missions.
- Eight storm drains were marked in the Clear Creek, Bear Creek, Flat Branch, and Rock Creek watersheds.
- Stormwater staff worked with Road & Bridge staff to install 37 watershed signs in the Devil’s Icebox recharge area, Silver Fork Creek, Terrapin Creek, Fowler Creek, and Rock Creek watersheds. Watershed sign maintenance was provided in the Fox Hollow Creek and Gans Creek watersheds.
- Stormwater staff worked with the Onsite Wastewater Coordinator to develop Onsite Wastewater Operation and Maintenance Program flyers, which share the dos and don’ts of how to keep residential wastewater systems working properly.
- A Stormwater Factsheet was created to share information and changes made to the Boone County Stormwater Ordinance.
- Two Stormwater Newsletters were provided to all Boone County Staff and posted to the County’s stormwater website.

Boone County’s Stormwater Educator, Michele Woolbright, was honored with the 2025 Missouri Progress in Sustainability Award, presented on November 18 at the Columbia Missourian’s ninth annual Progress Awards Ceremony at the Blue Note.

The Progress Awards celebrate individuals and organizations making significant, positive contributions to Boone County. This year, honorees were recognized across nine categories: arts, health care, sustainability, social justice, entrepreneurship, education, volunteerism, nonprofit, and the Sherman Brown Jr. Award.



Figure 2. Michele Woolbright, Boone County Stormwater Educator

Michele was selected from among five sustainability nominees for her ability to “bring individuals and groups together to create new and engaging programs which better spread the work about watershed health.”

The Boone County and City of Columbia Stormwater Educators partnered on several education and outreach efforts this year:

- Boone County and the City of Columbia Stormwater Educators were guest panelists for Benton Elementary’s 2nd and 5th Grade bees and invasive species research projects. 135 students participated.
- Hosted an Earth Day Art Contest, where Boone County and the City of Columbia K-12 students were invited to showcase their creativity and love for the environment. For more information about the 2025 Art Contest winners, visit <https://www.como.gov/sustainability/earth-day-art-contest-winners/>.



Figure 3. Earth Day Art Contest submission by Iris Weber



Figure 4. Earth Day Art Contest submission by Clara Rodhouse-Hawley



Figure 4. Earth Day Art Contest submission by Elizabeth Kochert



Figure 6. Earth Day Art Contest submission by Georgia Bruton

Social media continued to be a tool to involve and engage the public with information, events and activities related to stormwater. The websites listed below educated the community about the impacts of stormwater runoff, permits and inspection requirements, and general watershed information. The Hinkson Creek Collaborative Adaptive Management (CAM) and Greater Bonne Femme Watershed websites provided project updates on a regular basis.

- City of Columbia Stormwater Website: www.como.gov/utilities/columbias-stormwater-utility/ - 1,199 visits
- Boone County Stormwater Website: www.showmeboone.com/stormwater - 4,595 visits
- University of Missouri Stormwater Website: <https://ehs.missouri.edu/env/stormwater>
- Hinkson Creek CAM Website: www.helpthehinkson.org – 563 visits from January to March 2025
- Hinkson Creek Physical Habitat GIS Viewer: https://maps.showmeboone.com/viewers/RM_Hinkson_GIS_Technical_Report_Final_2013/ – 109 visits
- Bonne Femme Watershed Website: www.cavewatershed.org – 5,337 visits
- City of Columbia Facebook Page: www.facebook.com/ColumbiaSewerandStormwater – 31,800 views
- Boone County Stormwater Facebook Page: www.facebook.com/boonecountymostormwater - 7,453 views
- City of Columbia YouTube Channel: <https://www.youtube.com/@COMOSustainabilityEducation/videos> - 1,004 views
- Boone County Stormwater YouTube Channel: www.youtube.com/channel/UCrd_RaCJ73N442kfWGfa1FA - 101 views

Each semester, the University of Missouri conducts courses as part of its curriculum in a number of disciplines that concentrate on, or touch upon, issues of water quality and/or environmental management practices. This continued for both the winter and fall semester of 2025. Each course instructs between five and 300 students. Following is a list of those courses:

AG SM 4420	Surface Water Management
BIOL EN 4150	Soil and Water Conservation Engineering
BIOL EN 4250	Irrigation and Drainage Engineering
BIOL EN 4350	Watershed Modeling Using GIS
CHEM 4280	Environmental Chemistry
CH ENG 4220	Hazardous Waste Management
CH ENG 4285	Pollution Prevention
CV ENG 3200	Fundamentals of Environmental Engineering
CV ENG 3400	Fundamentals of Geotechnical Engineering
CV ENG 3702	Fundamentals of Water Resource engineering
CV ENG 4420	Hazardous Waste management
CV ENG 4230	Introduction to Water Quality
CV ENG 4240	Water Quality Analysis
CV ENG 4245	Environmental Chemistry for Engineers
CV ENG 4250	Environmental Regulatory Compliance
CV ENG 4260	Environmental Public Policy
CV ENG 4286	Environmental Sustainability

CV ENG 4730	Hydraulic Design
CV ENG 4980	Civil Engineering Systems Design
CV ENG 4990	Undergraduate Research in Civil and Environmental Engineering
ENV SC 1100	Introduction to Environmental Science
ENV SC 2001	Topics in Environmental Science
ENV SC 2600	Sustainability Foundations: An Introduction to Sustainability
ENV SC 3085	Problems in Environmental Science
ENV SC 3250	Pollutant Fate and Transport
ENV SC 3290	Soils and the Environment
ENV SC 3330	Environmental Land Use Management
ENV SC 4200	Stream Ecology and Hydrology
ENV SC 4305	Environmental Soil Physics
ENV SC 4306	Environmental Soil Physics Laboratory
ENV SC 4318	Environmental Soil Chemistry
ENV SC 4320	Hydrologic and Water Quality Modeling
ENV SC 4396	Agroforestry for Watershed Restoration
ENV SC 4400W	Environmental Law, Policy, and Justice
ENV SC 4600	Sustainability Science Problem Solving
ENV SC 4940	Environmental Science Internship
Forest 4320	Forest Ecology
Forest 4390	Watershed Management and Water Quality
GEOG 2660	Environmental Geography
GEOG 4630	River and Stream dynamics
GEOL 1200	Environmental Geology with Laboratory
GEOL 2400	Surficial Earth Processes and Products with Laboratory
GEOL 4100	Groundwater Hydrology
LAW 5700	Land Use Controls
NAT R 3400	Water Quality and Natural Resource Management
NAT R 4024	Foundations of Environmental Education
PLNT S 4720	Aquatic Entomology
PRST 4250	Parks, Health and Wellness
SOIL 2100	Introduction to Soils
SOIL 2106	Soil Science Laboratory

MU Extension provides a multitude of in-person and virtual courses that help residents improve their stormwater management practices.

MU's Campus Facilities department continued their periodic update of the MU Campus Stormwater Master Plan. The periodic updates allow for more flexibility to better address the needs of an ever-changing campus. The plan provides an adaptable framework that enables the campus to improve stormwater quality, maintain regulatory compliance, and sustain water resource stewardship. The MU Stormwater Master Plan which was completed in 2012 and publicly released in 2013.

MCM 2: Public Involvement and Participation

Providing opportunities for citizen input and participation in stormwater matters is the primary goal of MCM 2. The City's, County's, and MU's commitment to public involvement and public participation programs was tailored to provide ample opportunity for public involvement and participation and to increase the understanding of stormwater-related impacts and issues.

The public has the opportunity to be involved in various stormwater quality awareness and improvement activities. Furthermore, an avenue for participation and involvement is interaction through social media.

All three co-permittees provide a publicly available mechanism to take public inquiries, concerns or information about stormwater and stormwater related topics. This mechanism is a web-based public comment submission platform located on each co-permittee's website. In addition, the City of Columbia's general contact phone number allows citizens to call in with stormwater comments or questions, directing them toward the appropriate staff for response.

- City of Columbia's stormwater website: www.como.gov/utilities/columbias-stormwater-utility/
- Boone County's stormwater website: www.showmeboone.com/stormwater
- University of Missouri's stormwater website: <https://ehs.missouri.edu/env/stormwater>

Hinkson Creek Collaborative Adaptive Management

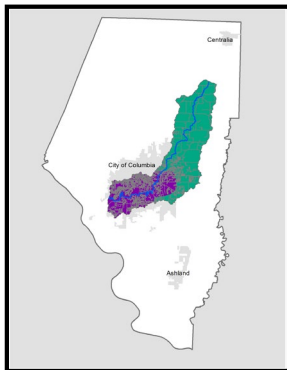


Figure 7. Hinkson Creek Watershed

The co-permittees continued to provide opportunities for the Stakeholder Committee, Action Team, and Science Team to meet and support the collaborative adaptive management (CAM) process for the Hinkson Creek Watershed. CAM is a science-driven, stakeholder-based process for decision-making, while dealing with the scientific unknowns inherent in many physical and biological systems. It uses a

process to make changes and then to determine the effect of those changes. The Stakeholder Committee, Action Team, and Science Team were formed to support the CAM process by synthesizing complex ecological, technical, political, and economic variables to affect significant water quality improvements to Hinkson Creek.

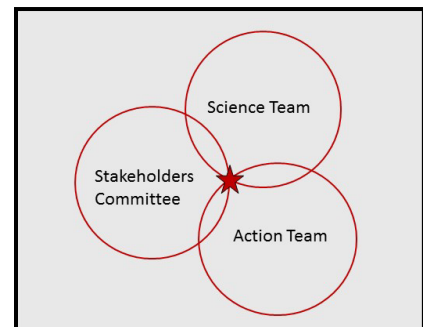


Figure 8. Collaborative Adaptive Management

The committees each meet multiple times per year for approximately 1.5 - 2 hours per meeting with up to 15 people at any given meeting. The success of the CAM process continued

throughout 2025, as demonstrated by sustained participation of team members and the riparian subcommittee, and Chloride Task Force at meetings and events.

- The Stakeholders met three (3) times.
- The Action Team met eight (8) times.
- The Science Team met five (5) times.
- The Riparian Subcommittee met four (4) times.

Current CAM Projects

- **Continuous Water Quality Monitoring:** This project was approved for funding in 2023 to perform continuous water level, water temperature, and specific conductance monitoring at six (6) sites along Hinkson Creek and its tributaries. Monitoring equipment was installed in the fall of 2023 and will continue for three (3) years. In 2024, the scope of the project was amended to include verification, maintenance, water quality sampling, and development of chloride and specific conductance regression models at up to five (5) additional water quality stations, formerly known as Dr. Sean Zeiger's water quality stations, for a total of up to eleven (11) water quality monitoring stations, for the remaining two (2) years.
- **Synoptic Sampling:** Synoptic sampling is a method of looking at different stream conditions such as nutrient concentrations, temperature, specific conductivity and pH at numerous locations along the stream during the same day. This method of sampling is different from previous monitoring efforts on Hinkson Creek that have either been in specific locations over a long time series (sensors deployed in the stream) or at specific locations during different times of the year (macroinvertebrate sampling by the Missouri Department of Natural Resources in the spring and fall at specific monitoring locations). The Hinkson Creek CAM partners funded a project with Dr. Alba Argerich and her students at the University of Missouri, School of Natural Resources for synoptic sampling in Hinkson Creek from 2020-2022. A full report on the results of the synoptic sampling was provided in 2025.
- **Comprehensive Chemical Sampling:** The Hinkson Creek CAM partners funded a project for the United States Geological Survey/ Columbia Environmental Research Center to collect water and sediment samples from Hinkson Creek and major tributaries in the spring and fall of 2022. The samples were analyzed for the presence of various chemical compounds that may be contributing to the impairment of aquatic life communities in Hinkson Creek in 2023. A final presentation is expected in 2026.
- **Help the Hinkson Website Redesign:** The Hinkson Creek CAM website was redesigned and accepted by the Stakeholder Committee in 2025.

- **Hinkson Creek CAM Logo Redesign:** The CAM logo was redesigned and accepted by the Stakeholder Committee in 2025.
- The partners hosted a CAM tour in 2025, bringing the Stakeholder Committee, Action Team, and Science Team together by providing an opportunity to learn about projects that have benefited Hinkson Creek. Stops included the City of Columbia's stream stabilization project on Hinkson Creek at Hinkson Creek Trail and the 3M Wetlands. 21 team members and staff attended.



Figure 9. Hinkson Creek CAM Logo

The CAM process for the Hinkson Total Maximum Daily Load (TMDL) adheres to all "Sunshine Law" regulations for notification of public meetings and has increased stormwater-related communication between the individuals involved and the organizations they represent. It addresses the Hinkson watershed, the largest watershed in the MS4 area, which is appropriate to this measure. It provides a nearly monthly opportunity for the public and local policy makers to engage in stormwater issues within our MS4.

All reports presented to the CAM Stakeholders can be found at <http://www.helpthehinkson.org/CAMInformation.htm>. Reports and data will be used by the MS4 partners to guide future decisions to reduce impairments in Hinkson Creek.



Figures 10-11. Members of the Hinkson Creek CAM at 3M Wetlands during the 2025 CAM Tour

Our Columbia Waters Integrated Management Plan

In 2019, the Missouri Department of Natural Resources acknowledged the City of Columbia's Wastewater and Stormwater Integrated Management Plan (IMP). The goal of the IMP is to develop adaptable and affordable long-term recommendations that meet Columbia's wastewater and stormwater management needs and address Clean Water Act obligations to

protect and improve our community waterways. Public input and participation will be key as this is a community-driven process. At the end of 2025 the City began updating the IMP with a goal of a final IMP in 2026.

In 2025, the City completed the following MS4 Program Enhancement actions as identified in the IMP 5-year Action Plan:

- Published a stormwater article in the City Source newsletter in January, February, May, August, and September 2025.
- Inspected 192,763 feet of existing sewer line for damage.
- Completed 27 illicit discharge investigations.
- Completed 469 outfall inspections.

Climate Action & Adaptation Plan (CAAP)

On June 17, 2017, Columbia City council passed Resolution R-83-17A, reaffirming the commitment of the City of Columbia to take action to reduce climate pollution and authorized participation in the Global Covenant of Mayors for Climate & Energy. In February 2018, the Mayor appointed 15 community members to the Mayor's Task Force on Climate Action and Adaptation Planning. The Mayor's Task Force along with City staff was tasked with developing the goals and objectives to be included in the City's Climate Action & Adaptation Plan (CAAP). Two of the goals identified in the plan are to improve stormwater management and minimize risks to flood-prone areas, which both align with the goals of the permitted MS4. The CAAP was adopted by the City Council on June 17, 2019.

City Council received a report at their October 7, 2019, meeting for the planned strategic priority issues of the CAAP. At the same meeting, City Council approved the creation of a Climate & Environment Commission. The purpose of the Commission is to advise City staff on reporting to City Council the implementation activities of the CAAP, act as a primary liaison for outreach and awareness on the CAAP throughout the community, provide input on evaluating additional opportunities for mitigation and resilience actions in Columbia, and advise City Council on environmental issues, as directs. The commission is comprised of 15 members appointed by City Council.

In 2025 the City began the process of soliciting public input for the revision of the CAAP for the next 5-year term. In 2026 a public outreach campaign will be facilitated by the office of sustainability.

The City of Columbia engages in multiple planning processes in the normal course of business. Concurrent to the Climate Action & Adaptation Plan process, community input was and will continue to be reviewed from the following efforts:

- City of Columbia Strategic Plan
- City of Columbia Vision Zero Plan

- Community Development Consolidated Plan
- Columbia Utilities Our Columbia Waters Integrated Management Plan (IMP)
- Columbia Utilities Integrated Water Resources Plan
- Columbia Utilities Integrated Electric Resource and Master Plan
- CATSO Long Range Transportation Plan
- Columbia / Boone County Public Health & Human Services Community Health Improvement Plan

The Columbia City Council and Planning and Zoning Commission continued to meet at their regularly scheduled times. Meetings are open to the public and development and redevelopment plans are discussed.

The City continued to garner volunteer participation and involvement of diverse groups through programs like TreeKeepers, composting workshops, Household Hazardous Waste Program, Adopt-A-Spot, and a variety of formal and informal cleanup events. Citizens volunteer in the Adopt-A-Rain Garden Program to maintain the rain gardens in public rights of way and involve the community in stormwater retrofits to improve water quality. The City website has information about these volunteer opportunities which are available to all residents, including those at MU and the County.

The City continued to utilize volunteers to organize and host a monthly stream clean up within the watersheds. This group of volunteers, previously known as the Columbia Crawdads, renamed to Litter Team, acts as volunteer educators and volunteered more than 161.25 hours among 68 volunteers with 381 bags of trash collected in 2025.

The City continued to engage participation and public involvement by the following:

- Total trash pickup efforts in 2025 totaled 10,254 hours from 3,077 individuals with 5459 bags of litter collected.
- Regularly scheduled monthly stream cleanup activities in 2025 tallied removing 82 bags of trash by 90 volunteers in 211 hours of service.
- Maintain several active rain garden locations through an effort called the Adopt-A-Rain Garden Program. 3 people volunteered 7.33 hours of service picking up 5 bags of trash in this program in 2025.
- 265 people attended a compost class, and 79 compost bins were sold/given out/distributed collectively over 16 compost workshops held in 2025.
- Annual Cleanup Columbia event, that takes place in April every year, tallied 1,328 bags of trash collected by 655 volunteers in 1,762 hours of volunteer service. This is a one-day city-wide litter pickup that brings our community together to care for our city. It takes place along streets, trails, and parks across Columbia.

Boone County Planning and Zoning meetings continued to meet on the third Thursday of the month. The P & Z Commission acts as an advisory commission to the County Commission on matters of land use. These meetings are open to the public.

Greater Bonne Femme Watershed Project



Figure 12. Bonne Femme Creek

The Bonne Femme Watershed Project is the revitalization and continuation of several projects from the past that sought to protect and conserve water quality in the Little Bonne Femme and Bonne Femme Watersheds (known together as the Greater Bonne Femme Watershed) in Boone County. The current project includes the development of a watershed-based plan (WBP) for the Greater Bonne Femme Watershed, as well as a stormwater best management practice (BMP) demonstration project (bioretention basins on E. Meyer

Industrial Drive) and an outreach initiative to inform local stakeholders of the need for the current planning and future implementation process. The WBP will consist of nine specific elements required by U.S. EPA; approval of the plan by EPA and the Missouri Department of Natural Resources will provide eligibility for future funding to address water quality concerns identified in the plan. The previous watershed project, which concluded in 2007, resulted in the Bonne Femme Watershed Plan. The plan may be viewed in its entirety on <http://www.cavewatershed.org>. The map below shows much of the watershed with roads marked for reference. The five streams highlighted with bright colors show reaches that are impaired because *E. coli* levels in the water, on average (calculated as a geomean during the recreational season which runs from April through October of each year), exceed the water quality standards set by USEPA and MDNR and codified in state law.

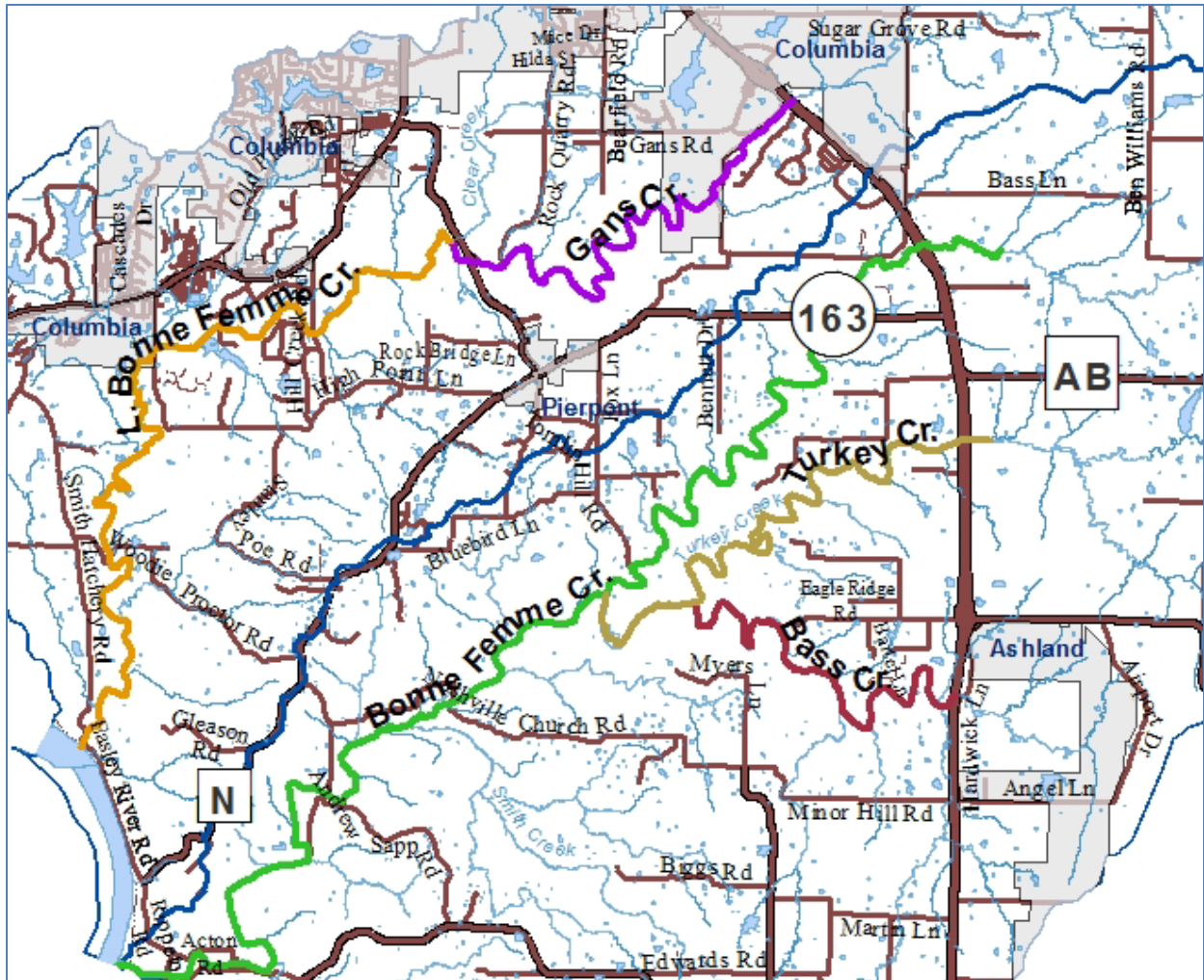


Figure 13. Impaired stream segments in the Greater Bonne Femme Watershed

The blue line marks the division between the Bonne Femme and Little Bonne Femme watersheds. The impairment in the watershed is of concern as some of these stream reaches are also classified as outstanding state resource waters, known for clarity and quality of habitat for aquatic life.

Boone County stormwater staff continued to work with the Missouri Department of Natural Resources and project partners to develop a 9-element plan for recovery of stream water quality and protection of outstanding state resource waters in the Greater Bonne Femme Watershed. A final draft of the 9-element plan was submitted to MDNR and the Environmental Protection Agency in July 2022. The final Watershed-based plan was approved by the US EPA on June 12, 2023. The full plan is available at <https://www.cavewatershed.org>.

Boone County submitted an implementation grant proposal to Missouri Department of Natural Resources in 2025. We expect approval in 2026.

Greater Bonne Femme Watershed Initiative

Boone County Resource Management and partners felt that the watershed-based plan did not offer all the restoration and protection measures necessary, given the bountiful natural resources in the Greater Bonne Femme Watershed (GBFW). The Greater Bonne Femme Watershed Initiative will take a broad approach to restoration and protection of water quality in the GBFW. The overall goal of the initiative is the creation of a watershed management plan that will be adopted by Boone County, the City of Columbia, and the City of Ashland. This plan will integrate four (4) conceptual pillars into the language of the plan.

- **Pillar One, Implementation of the GBFW-based plan:** Voluntary installation of best management practices and demonstration projects and education and outreach focused on agricultural landowners.
- **Pillar Two, Creation of a watershed-wide wildlife habitat restoration project:** The County and partners will work with landowners in the watershed to improve wildlife habitat on their property.
- **Pillar Three, Education and Outreach:** Focused on residential landowners, this element will encourage protection of riparian corridors and the use of native vegetation in landscaping.
- **Pillar Four, Water Quality Connection:** How water quality intersects with human health, environmental health, and animal and plant health in the watershed, incorporating a variety of concepts from regenerative agriculture to increasing health benefits from recreation in the GBFW.

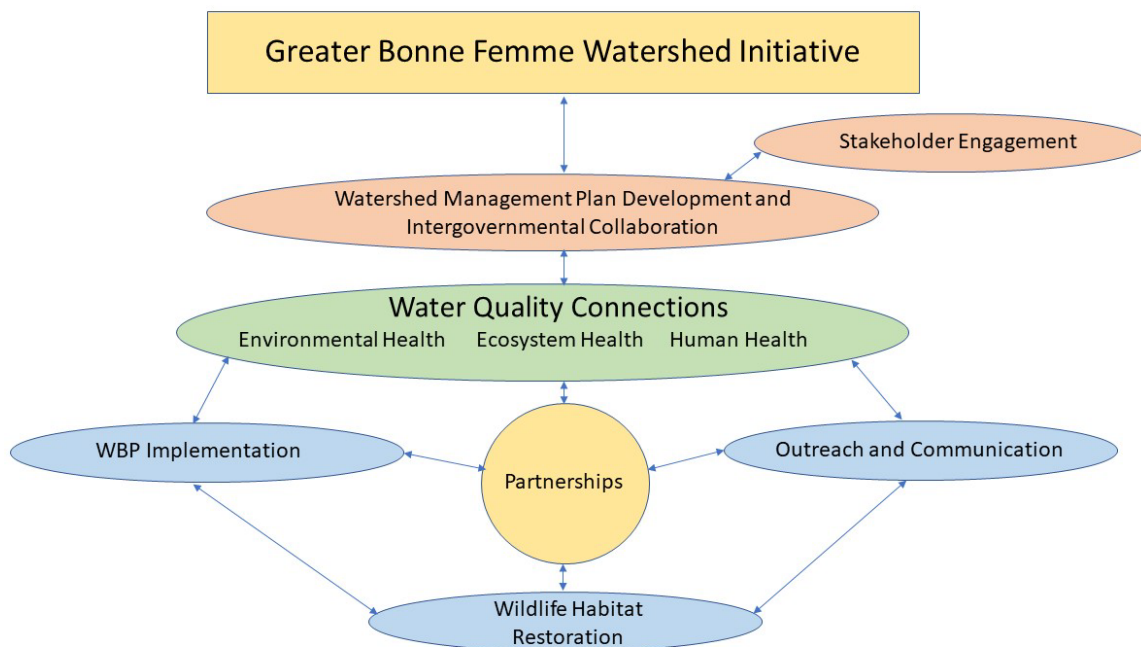


Figure 14. Greater Bonne Femme Watershed Initiative collaboration

Current Greater Bonne Femme Watershed Initiative Projects

- **Return on Environment (ROE) Study:** This study identifies and measures the environmental, societal, and economic benefits of healthy water and ecosystems within the Greater Bonne Femme Watershed. This ROE study will serve as a key component of the overall watershed management plan, especially relative to work within Pillars 3 and 4. The ROE Study is expected to be used in an iterative way during the multi-year implementation work being led by the Implementation Committee. Boone County hired a consultant to begin working on the study in 2024. The consultant performed document review and research, conducted stakeholder engagement meetings, and began analyzing results. A final study was completed in July 2025.
- **Greater Bonne Femme Subwatershed 3D Flythroughs:** Boone County stormwater and GIS staff developed a flyover of the Greater Bonne Femme subwatersheds, available for viewing at <https://www.cavewatershed.org/maps.asp>.

Boone County also provided the following public involvement opportunities:

- 5 - Greater Bonne Femme Watershed Initiative Implementation Committee Meeting
- 1 - Agricultural BMPs Subcommittee Meeting
- 3 - Outreach and Communication Subcommittee Meeting
- 1 - Wildlife Habitat Restoration Subcommittee Meeting

MU's master planning process continued to be an open, transparent process allowing participation of the campus "public". Begun more than 30 years ago, MU's master planning effort addresses current and future needs while remaining mindful of MU's commitment to environmental stewardship.

MU students also engaged in stormwater related activities in 2025 through groups such as:

- Greeks Go Green
- Journal of Environmental and Sustainability Law
- Missouri Chapter of the Fisheries and Aquatic Society
- Missouri Water Environment Association
- Mizzou Limnology Club
- Mizzou Tigers Stream Team
- Mizzou Water and Environmental Technologists
- Mizzou Student Group of US Green Building Council
- MU Agricultural Systems Management Club
- MU Agroforestry and Forestry Graduate Student Association
- MU Environmental Law Society
- MU Environmental Leadership Office

- MU Environmental Science Club
- MU Forestry Club
- MU Geology Club
- MU Geological Graduate Society
- MU Horticulture Club
- MU Student Chapter of the Soil and Water Conservation Society
- MU Sustainability Office
- Science, Health and Environmental Journalism at Mizzou
- Student Environmental Design Association
- Sustain Mizzou
- University of Missouri Agronomy Club
- Climate Leaders at Mizzou
- Fisheries and Aquatic Sciences Society

Stormwater Coordination Committee Meetings

Staff from the University of Missouri, City of Columbia, and Boone County met four (4) times in 2025 to coordinate and work on stormwater activities. Stormwater activities include joint clean-up events, public service announcements, Hinkson Creek TMDL CAM, social media, volunteer activities and annual reporting to MDNR.

MCM 3: Illicit Discharge Detection and Elimination (IDDE)

Illicit discharges enter the system through either direct or indirect entry. Direct entry is any connection into the stormwater system from another non-stormwater pipe, most commonly sanitary sewer pipe. These connections can be direct pipe connections or direct discharges into an open channel or stream. Indirect entry is any non-stormwater flow that enters the system through storm drain inlets or pipe joints. Examples of indirect entry include groundwater seepage, illegal dumping, spills (typically from vehicular accidents) and other outdoor washing and irrigation activities. A robust program to detect and address indirect wastewater connections is underway. The necessary legal measures are in place to prohibit and enforce illicit discharges. Addressing indirect wastewater connections and educating the public continue to be primary activities for this measure.

The co-permittees all maintain storm sewer maps, which are reviewed annually and updated as necessary. All maps are GIS-based. The City's map is available on the city's website at www.como.gov/wp-content/uploads/2021/05/MS-4-Outfalls-flattened.pdf

Boone County and the City of Columbia each have Illicit Discharge ordinances in place. The ordinances can be found on each entity's respective website. Ordinances are reviewed annually and updated as needed. The City and County's Illicit Discharge Detection and Elimination Ordinances, coupled with education and outreach efforts, have proven particularly successful in the reporting of illegal discharges or dumping into the storm drainage system. The City maintains a 24-hour response telephone number for illicit discharge reports and provides a telephone number on their storm drain labels. Boone County supports a web-based reporting system to log citizen complaints. IDDE reports are thoroughly investigated and resolved in accordance with the MS4 permit.

MU's Department of Environmental Health and Safety (EHS) creates policies, programs, and guidance to assist the campus in complying with regulations. A number of overlapping mechanisms effectively monitor and control discharges on the MU campus, including the Stormwater Management Plan, Stormwater Pollution Prevention Plans for land disturbance sites, the Spill Prevention Countermeasures and Control Plans, and stormwater discharge NPDES permits. Construction and demolition projects receive the daily oversight of a MU Construction Project Manager or Construction Engineer, in addition to receiving MU building permit inspections. MU Employees are provided training and have mechanisms to report discharges, including discharges to the stormwater system, to EHS. The awareness of the campus community has been heightened, as evidenced by feedback from the annual training and inspection activities throughout the year. MU's 24-hour emergency response process also includes reporting of illicit discharge events.

The co-permittees continued to identify high priority areas based on the following criteria: stormwater runoff that is creating a threat to the public; causing deterioration to infrastructure; infrastructure that has exceeded life expectancy or shows evidence of failure; or is the source of numerous complaints. Projects that address the above are all subjected to economic analysis and appropriation availability.

The City performs frequent inspections to detect and address non-stormwater discharges in areas where reports have occurred historically, such as below the downtown area. As failures in the sanitary sewer system can ultimately infiltrate the storm sewer system, actively examining the sanitary system prevents incidental non-stormwater discharges. The City sanitary system has been divided into multiple priority areas based on inflow and infiltration (I&I). Methods to evaluate integrity include smoke testing, building inspections, CCTV inspections and dye water testing. Removing stormwater from the sanitary sewer system prevents overflows which cause raw sewage to enter the waterways. In 2025, the City:

- Completed over 192,763 feet of CCTV inspection for new and existing sewer main.
- Completed over 15,694 feet of CCTV inspection for new and existing stormwater main.
- Replaced 798 feet of failing storm pipe and repaired or built 18 storm structures.

Through the City's Annual Sanitary Sewer Main and Manhole Rehabilitation projects, thousands of feet of sanitary sewer pipe have been lined, eliminating the potential for exfiltration of sewage. Additionally, hundreds of lateral connections have been repaired in lower lying areas, also reducing the potential for exfiltration of sewage to drainage pathways. In 2025, the City rehabilitated approximately:

- 60,199 linear feet of sewer line
- 117 sewer manholes
- 2,668 linear feet of stormwater line

The sanitary sewer main throughout the City was rehabilitated due to both structural deficiencies and inflow and infiltration reduction.

The City completed construction of one Private Common Collector Elimination project in 2025:

- PCCE #35 – Richmond Ave. - The goal of this project is to install new public sanitary sewer mains to replace the existing private collection systems that are failing and are a potential source of exfiltration to local waterways.

Both the City Stormwater Utility and Community Development department receive citizen complaints via phone, email, and website for Stormwater discharge and construction discharge. Complaints are addressed in a timely manner. Storm Water Utility received 27 illicit discharge calls in 2025 and completed those illicit discharge investigations.

The City continues its grease trap inspection program to ensure restaurant grease traps are properly cleaned, maintained, and inspected on a regular basis. This activity will reduce the potential of sanitary sewer overflows (SSO) into streams and their tributaries. In 2025, 784 inspections were performed with two letters of warning or notices of violation issued. Plans for 34 new grease traps were reviewed.

In 2019, the City hired an MS4 Technician to support the MS4 program with a focus on IDDE and to conduct stream walks and outfall inspections in all City streams within the next five years. This was an identified action in the Five-Year Action Plan of the Columbia Wastewater and Stormwater Integrated Management Plan (IMP). The MS4 Technician worked with other City Staff to develop an ArcGIS application to aid in the completion of dry weather inspections of outfalls. In 2025, the City revised its outfall map as part of the permit renewal process. Using the updated map, the City completed 469 outfall inspections in 2025.

In 2025, Public Works and the Storm Water Utility removed a total of 77 tons of waste from illegal encampments. Properties included the Hwy 63/I70 Connector, under Broadway Bridge over Hinkson Creek, under Business Loop 70 bridge over Hinkson Creek, Tupelo/Larch, and Worley/Fairview. The Hwy 63/I-70 Connector, Tupelo/Larch, and Worley/Fairview properties were forestry mulched and trees were marked with purple paint to help prevent illegal camping. Cleanups were performed by different City departments, as needed, throughout the year. Parks & Rec staff continue to inspect, respond and remove illegal encampments as they pop up along trails and parks. Office of Neighborhood Services worked with parcel owners to get illegal encampments cleaned up. The Homeless Outreach Team, which comprises of two sworn police officers within the Columbia Police Department, worked to remove individuals trespassing on public and private parcels and offer services. The Voluntary Action Center is currently constructing Opportunity Campus which is tentatively scheduled to open in Spring 2026. Their goal is to transition our homeless neighbors to being sheltered by providing safe temporary shelter, transitional housing, affordable housing, meals, basic daily needs and wrap-around services to lift people up and out of homelessness.



Figures 15-17. City of Columbia cleanup: Collecting and hauling waste and clearing areas with a forestry head.

The County's storm system consists mostly of open swales and as such, the traditional model of using a camera to inspect line integrity is not appropriate. Therefore, the County relies mainly on on-site visual inspection and citizen notification as mentioned in the previous section. The County updated their MS4 outfall map and inspected 40 outfalls, meeting their 20% goal.

Boone County maintains a Spill Prevention Control Countermeasure (SPCC) Plan for the Road & Bridge Facility. The plan is intended to minimize the potential for the facility to adversely impact its environment and for the facility to attain and maintain compliance with EPA standards for oil pollution prevention and response. The plan outlines the procedures, methods, and equipment used at the facility to comply with EPA oil spill prevention control and countermeasures standards and inspection, training, and record-keeping requirements.

The County utilizes a web-based public comment submission platform to report illicit discharges and other stormwater-related issues. The County monitors the submission platform daily and responds to all comments/concerns within 24-business hours. Depending on the location and nature of the concern, the County will either respond to the issue or coordinate the response effort with the relevant co-permittee or agency having jurisdiction. In 2025, 65 stormwater concerns were reported through the online reporting system. All concerns were addressed.

MU continues to review and update as needed a storm sewer map showing the entire MU MS4 system. MU Campus Facilities divided their sanitary sewer system into five zones, A-E. One of the five zones is inspected each year, completing an inspection of the entire system every five years. The inspection program includes camera verification and inspections for defects and infiltration. In 2025, Campus Facilities completed visual inspection of Rotation E.

MU continues to update its storm and sanitary sewer maps and continues to be available to investigate illicit discharge complaints 24/7. Both stormwater and non-stormwater discharges are readily recognized by the campus and local community due to a strong awareness program, as well as active monitoring by campus staff. Stormwater released from petroleum storage tank secondary containment is inspected prior to release in accordance with the Spill Prevention Control and Countermeasures Plan.

MU maintains Spill Prevention Control and Countermeasure (SPCC) plans for their facilities in the MS4 area for which a plan is required. The plans are intended to minimize the potential for the facility to adversely impact its environment and for the facility to attain and maintain compliance with EPA standards for oil pollution prevention and response. The plans outline the procedures, methods, and equipment used at the facility to comply with EPA oil spill prevention control and countermeasures standards and inspection, training, and record-keeping requirements.

MU has divided its sanitary sewer system into five zones, A-E. One Zone is inspected annually including camera verification and inspections for defects and infiltration. The process has been

expanded to verify the connections of internal floor drains over a five-year period. In 2025, MU Campus Facilities completed visual inspection of Rotation E. Facility Operations had 670 hours of camera verification time involved with the Rotation D inspection. This included inspection of 5,814 feet of sanitary sewer pipe and 10,099 feet of storm drainpipe. Sanitary and storm pipe is jetted as needed. All sediment that gets water-jetted is collected at the nearest manhole and removed. Following is a description of replacements, repairs, and assignments completed in 2025:

- A total of 3,005 feet of new storm pipe and 2,058 feet of sanitary pipe was added to the system due to repairs, upgrades, or new construction.

While the process is different among the co-permittees, new buildings are 100% inspected for illicit connections and there are building code requirements and on-site sewage treatment regulations (if applicable) in place for new construction. These mechanisms prevent the creation of new illicit discharges and help bring existing discharge systems into compliance. Each new building, whether residential, office or commercial in Columbia or Boone County, is inspected by City, County or MU staff including a plumbing inspection prior to pouring of the lower-level floor. This plumbing inspection occurs on each new building constructed in Columbia, as well as on any remodeling work. The County permitting process also includes verification of connection to an approved wastewater system with inspections by Resource Management staff or Boone County Regional Sewer District staff.

The co-permittees collaborated with the Mid-Missouri Solid Waste Management District (MMSWMD) to host a Boone County Tire Recycling Collection event that was held on June 28, 2025, at the Northeast Regional Park. This event collected 19.74 tons of waste tires. The Mid Missouri Electronics Recycling Collection event was held on July 12, 2025, at a Mizzou Parking Lot, and collected 38.7 tons of electronic waste, specifically 99 CRT monitors/TVs, 28 freon-containing items, and 131 flat screen TVs. These same collection events are scheduled tentatively for March 14, 2026, and September 26, 2026, location to be determined.

Ambient Water Quality Monitoring Opportunities

Hinkson Creek USGS Stream Gauge

In 2020, the City worked in cooperation with the USGS Missouri Water Science Center to provide funding for the Hinkson Creek stream gauge located at South Providence Road in Columbia, Missouri. The stream gauge provides daily streamflow data that is available publicly on the USGS Water Resources website:

https://waterdata.usgs.gov/nwis/uv?site_no=06910230

Lakes of Missouri Volunteer Program (LMVP) Sampling

Boone County continued to participate in the Lakes of Missouri Volunteer Program (LMVP). The LMVP started in 1992 as an effort to get citizens involved in the lake water quality monitoring.

The goals of the LMVP are 1) Determine the current water quality based on productivity of Missouri's lakes, 2) Monitor for changes in water quality over time, and 3) Educate the public about the lake ecology and water quality issues. Staff at Boone County continued sampling at Tri City Lake and Lick Creek Lake this season. Staff collected four (4) samples between June and September. By participating in this effort, Boone County receives free sampling equipment and information on the status of the lakes in Boone County.

Boone County Stream Team

The Boone County Stream Team was unable to host the spring and fall water quality monitoring blitzes at Rock Bridge Memorial State Park in 2025 due to drought conditions and lack of stream flow. Continuing to collect water quality data at these sites over time helps to inform our understanding of water quality changes in the Greater Bonne Femme Watershed. These semi-annual blitz events have provided an opportunity for field training for Missouri Stream Team water quality volunteers, and we are excited to see new Stream Teams formed by these volunteers.

In 2025, Boone County was able to work with community members using Missouri Stream Team monitoring practices to test the health of two other local streams.

- Youth-in-Action – 8 people participated at Gans Creek
- Chloride Monitoring – 16 people participated at Flat Branch Creek

MCM 4: Construction Site Stormwater Runoff Control

The co-permittees believe that the chosen BMPs are appropriate and have furthered the goals of reducing the discharge of pollutants to the maximum extent practicable. Due to the ongoing growth in Columbia with vacant land and farms being converted into residential, office and commercial developments, the need for a program to control construction site stormwater runoff is essential. All co-permittees have programs that provide for a thorough plan review of all proposed land disturbance activities. All disturbed sites are inspected often, and progress continues to be made with the development community.

The result of growth policies implemented by Columbia and Boone County is that most of the urban development in the area occurs within the city limits of Columbia. Much of the development that occurs in the County is rural in nature. The BMPs identified are very appropriate and essential to protect downstream areas as development and construction continue to expand into the unincorporated areas of the County. Boone County Public Works has a Road Regulation Manual which requires all land disturbance related to road building to follow practices necessary to prevent erosion and sediment loss from leaving the site.

MU EHS works closely with Campus Facilities - Planning Design and Construction (CF-PDC) department, providing guidance on stormwater management to architects and engineers. Any specific requirements are included in the bid and contract documents. Waterways and stormwater inlets are aggressively protected from the release of sediment, debris, or petroleum products. During each construction project, the MU Project Manager and/or Construction Inspector inspects the site both weekly and after precipitation events to make sure stormwater controls are in place and working as designed. In addition, EHS and Campus Facilities conduct a comprehensive joint audit of all permitted construction sites once a year.

The co-permittees' land disturbance ordinances, design manuals and master plan have been very successful in controlling the generation of nonpoint source pollution from construction sites from improper handling and usage of nutrients and toxic substances as well as preventing the movement of toxic substances from construction sites.

The co-permittees require submittal of Stormwater Pollution Prevention Plans (SWPPPs)/soil erosion control plans for all construction projects. All SWPPPs/soil erosion control plans are reviewed for conformance with regulatory requirements and required design policies, practices, and procedures. This is an ongoing goal.

The co-permittees continue to administer a program to inspect construction sites and effectively implement required erosion control practices on a routine and post-rainfall basis. The co-permittees also continue to administer a program to enforce construction site Erosion

and Sediment Control (ESC) measures on permitted construction projects to remain in compliance with regulatory requirements. These are ongoing requirements.

The City Community Development Department performs inspections of active private development sites at least weekly, and notices of violation are issued as necessary. The Storm Water Utility responds to storm drainage complaints. Public improvement projects are inspected by their respective departments regularly and weekly at a minimum. Commercial and development sites were inspected at least weekly or greater. Inspection staff performed 393 inspections in 2025. A total of four 1st Notice of Violation was issued, zero 2nd Notice of Violation was issued, and zero 3rd Notice of Violation were issued for 2025.

A link on the City's website provides citizens with the opportunity to report a stormwater concern. Depending on the concern received, responses are provided from the City's Community Development Department, City Storm Water Utility or one of the other co-permittees, depending on the issue and appropriate jurisdiction.

All information regarding ordinances, regulations, enforcement, site plan review, inspection, policies, and procedures about construction site runoff control for private development in the City can be found on the City's website. City regulations require soil erosion control plans for all land disturbance activities greater than an acre. City regulation requires erosion and sediment control for all disturbed sites, including those less than one acre. The Community Development Department tracks plan reviews and site inspections for private construction and development sites.

For City public improvement projects, there is a rigorous public involvement process. As part of the Citywide SWPPP, for larger improvement projects, an individual SWPPP is prepared and included in the construction documents for improvements that disturb more than an acre. All City improvement projects are inspected by City personnel. For maintenance and operations work, employees are being educated on proper erosion and sediment control to meet the City's general SWPPP permit.

Boone County continues to implement and enforce the Stormwater Ordinance. To ensure construction sites are managed properly within the County, the County implements plan review, permitting, inspection, and complaint response. Owners/Developers/Contractors follow general requirements laid out in Section 28.5 of the Boone County Zoning Regulations. Private entities are required to submit a Boone County Land Disturbance Permit, Stormwater Pollution Prevention Plan (SWPPP), erosion and sediment control plans, erosion and sediment control cost analysis for security deposit determination, and a Missouri Department of Natural Resources State Operating Permit for review and approval by County staff before construction may begin. Once the project is approved, a preconstruction meeting is held at the construction site with the owner, design professional, contractor, and site inspectors to discuss any special site features such as environmentally sensitive areas, steep slopes, stream buffer, etc., erosion

and sediment control requirements, good housekeeping, and inspection procedures. The same guideline is followed for public land disturbance activities conducted by the County. The ordinance was revised and revisions were accepted by Boone County Commission on January 21, 2025.

The County continues to work with its inspections staff to improve procedures for the pre-construction meetings and final inspections, as well as administer a program to inspect construction sites and effectively implement required erosion and sediment control practices on a routine and post-rainfall basis. Annual training for inspection staff on enforcement procedures and follow-up documentation is conducted. Additionally, the County will continue to administer a program to enforce construction site erosion and sediment control measures on permitted construction projects in compliance with regulatory requirements. Inspection staff performed 52 inspections in 2025. Four (4) Notice of Violation letters were issued. All were resolved within their compliance timelines.

The County utilizes an electronic submission system for the public to submit concerns, complaints, or comments on any construction projects. The electronic submission system is located on the County's stormwater webpage in the sidebar of the home page with a link to "*Report Storm Drainage Problems.*" The County reviews all environmental concerns, complaints, or comments received by the public within 24 business hours of receipt, and provides an investigative response to submission, if deemed necessary, within 48 hours of submission (72 hours if submission occurred over a weekend or holiday). The County supplies a follow-up response to the submitter to let them know that the complaint/concern was received within 24 hours, and if requested, a follow-up once the review/investigation has been completed. The public may also contact the Resource Management Department by phone to report a stormwater complaint/concern. If complaints are phoned in, all information is entered into the online reporting system by staff for tracking purposes.

At MU, all construction projects are designed and reviewed by the MU's CF-PDC department using the PDC "Sustainable Design Policy." This policy incorporates sustainability principles and concepts in the design of all facilities and infrastructure projects to the fullest extent possible, while being consistent with budget constraints, appropriate life cycle cost analysis, and customer priorities. The policy directs MU to meet or exceed MDNR best management practices for erosion and sedimentation control standards and implement innovative stormwater management. The Consultant Procedures and Design Guidelines is available on the University of Missouri Facility Planning and Development Website and contains a collection of information that is updated quarterly as necessary.

In addition to prescribed weekly/post-rain event inspections, internal audits were conducted by MU EHS environmental compliance staff and the campus construction inspector. It was determined that the requirements of the land disturbance permit were successfully implemented and the sites well- managed. Trained and experienced personnel manage the documentation, conduct weekly inspections, and implement the conditions of the permit in the field. There is excellent coordination between the personnel of Planning, Design & Construction, Landscape Services and EHS. BMPs were found to meet the objective of protecting water quality to the maximum extent practicable. These results demonstrate a solid commitment to erosion control, good cooperation, and expedient corrective action for deficiencies.

MU delegates authority to Environmental Health and Safety to implement compliance with the requirements of MCM4. This delegation of authority is found in Section 7:001 (Delegation of Responsibility) of the University of Missouri Business Policy and Procedures manual. This policy was last updated on 12/20/2021.

MCM 5: Post-Construction Stormwater Management in New Development and Redevelopment

The co-permittees believe that the chosen BMPs are appropriate and have furthered the goals of reducing the discharge of pollutants to the maximum extent practicable. Each of the co-permittees has very different issues to address. The City is largely developed, but significant residential and commercial development is occurring on the fringe. The County is largely undeveloped, but there are widely scattered pockets of residential development. MU is largely developed. While there is occasionally new construction on previously undeveloped property, redevelopment or reconstruction of existing historical buildings is more common.

The co-permittees continue to maintain ordinances and other applicable controls to address stormwater runoff from new development and redevelopment areas. These mechanisms are reviewed regularly for effectiveness and updated as necessary.

The Boone County and the City of Columbia continue to implement stream buffer ordinances to protect sensitive waterways from stormwater runoff. The ongoing goal of implementation is being met.

The co-permittees continue to identify structural and non-structural strategies to improve the quality of stormwater runoff from new development and redevelopment. This is an ongoing process for all permittees.

The City of Columbia Stormwater Management and Water Quality Manual that was adopted in March 2007 provides sufficient flexibility to allow stormwater management plans to be tailored to specific conditions in various Columbia watersheds for both development and redevelopment projects. The manual will continue to be reviewed and updated as necessary. The City's Community Development Department enforces the City's Stream Buffer Ordinance and stormwater quality management for new developments. The Community Development Department also has covenants and maintenance agreements for post-construction BMPs recorded. The City's Stormwater Utility receives and tracks annual inspection information for the post-construction BMPs. In 2025, nine (9) newly installed privately owned post construction stormwater BMPs were installed through permits with BSD.

The City continues to update mapping of all public and private BMPs in a GIS database. City continues to develop an operation and maintenance schedule for City owned BMPs and partner with volunteers to leverage more education opportunities. A GIS based map and notification process to track public and private BMP inspections continues to be refined to ensure long-term operation and maintenance of BMP's.

In 2019, the City's MS4 Technician worked with internal staff to develop an ArcGIS application to aid in the submission and tracking of private BMPs annual inspections electronically.

Historically, all inspections were handled using PDF forms. The goal of the project was to develop a system for accepting BMP inspections online and increase staff efficiency on inspections of City-owned BMPs. The application was beta-tested by internal staff responsible for the inspection and maintenance of City owned BMPs in 2019, 2020, and 2021. The City implemented the application for private BMPs in 2022. Positive feedback was obtained from users regarding usability. A couple changes were made in early 2023 to allow more inspection photos to be uploaded as well as a Maintenance Log Sheet made mandatory before the inspection would allow for submittal unless adding a Maintenance Log Sheet. This created a more efficient process having over 600 privately owned BMPs in Columbia.

In 2025, the City continued its efforts to establish native plant prairie areas in City rights of way and undeveloped City property including areas owned by the Sewer Utility, Parks and Recreation, and Public Works.

The County's Stormwater Ordinance has provisions in place to protect environmentally sensitive areas, minimize the creation of stormwater pollution, utilize best management practices that effectively remove stormwater pollution, and attempt to maintain pre-development runoff conditions. The ordinance requires a Stormwater Maintenance Agreement (and stormwater easement for off-site facilities) to be recorded with all projects requiring a Stormwater Management Plan. The maintenance agreement describes the property owner's maintenance and inspection procedures for all permanent stormwater BMPs and follows the project in perpetuity. Boone County Stormwater Maintenance Agreements are recorded with the Boone County Recorder of Deeds. Owner/operators are required to conduct yearly self-inspections and file their report with Boone County Resource Management. The maintenance agreement also grants the County permission to inspect the BMPs, and to repair BMPs at the owner's expense, should the owner fail to maintain the BMP. These stormwater easements and maintenance agreements are required to be in place prior to the recording of the final plat. These regulations are reviewed every two years for effectiveness. The ordinance was revised and revisions were accepted by Boone County Commission on January 21, 2025.

The County tracks all installed public and private stormwater quality BMPs for new and redevelopment projects since the stormwater ordinance went into effect in 2010 in a GIS database. Data tracked for each BMP includes runoff reduction volume, contributing drainage area and contributing impervious area. Privately owned BMPs are required to self-inspect annually. The inspection report and photographs are to be submitted to the County by June 1 each year. Private owners shall retain these records for at least five (5) years. Any maintenance items are typically prompted by these annual inspections and must be addressed within thirty (30) days or other time frame mutually agreed to between the Director of Resource Management and the responsible party. In 2025, 69 privately owned post-construction BMPs were required to self-inspect. Twelve (12) required compliance and/or maintenance.

County-owned BMPs are inspected annually by staff and maintenance is performed as necessary.

Boone County's stream buffer regulations provide requirements for developing near streams to protect sensitive waterways from stormwater runoff. These regulations are reviewed every two years for effectiveness.

The County's stormwater design manual continues to address post-construction stormwater runoff and water quality management procedures. Structural and non-structural strategies are continually identified to improve the quality of stormwater runoff from new development and redevelopment. The stormwater design manual is reviewed every two years for effectiveness.

MU continues to establish and maintain an inventory of all permanent structural and non-structural BMPs for post-construction stormwater management. This includes an inspection schedule for all post-construction BMPs as identified in the BMP inventory.

MU maintains a Campus Master Plan, which includes a Stormwater Master Plan, which guides development on campus. EHS actively participates in the design process, providing recommendations on post-construction stormwater management to architects and engineers. The post-construction stormwater management design usually relies upon a combination of structural and non-structural BMPs appropriate to the MU community.

MU's Sustainability Policy dictates that master planning principles are established for development phasing, campus densities, land use, and conservation patterns that will provide a rigorous framework for determining where, when, and how to locate new facilities. The preservation of green and open spaces is a high priority achieved using BMPs.

For this reporting period, the co-permittees implemented/conducted the following:

MU's stormwater guidelines and Stormwater Master Plan were completed in late 2012 and were presented publicly in 2013. The stormwater guidelines and Master Plan are updated regularly and are available for viewing on the MU website.

BMPs that were added to the MU campus and properties in 202 include:

- 1) A stormwater management basin at the Thompson Center for Autism. Inlets around the new building and adjacent parking lots were piped into the new basin in 2025;
- 2) Demolition of Vet Science Building, less pavement was installed in its place, and more trees were added in 2025;
- 3) Salt shed was relocated which included an enclosure for all campus chloride storage;
- 4) Vet Med diagnostics Building Addition included an underground detention storage and treatment west of the new building.

While not explicitly a stormwater BMP. MU completed a storm water and sanitary sewer study in 2025 which identified several opportunities to reduce in-flow and infiltration as well as stormwater retention on campus.

MU additionally plans to install several BMPs over the next two years, including:

- 1) The new Energy Innovation Center will include an underground stormwater treatment BMP;
- 2) A study is being conducted to create regional stormwater treatment facilities in multiple locations throughout campus with the goal of providing storm water storage and treatment capacity for future development of the campus' infrastructure;
- 3) At the Radioisotope Science Center stormwater treatment is being integrated for the new building site into the overall treatment facility for Discovery Ridge; 4) At Bingham Hall there are plans for increased storm water retention via 5 trees pits which contain silva-cell water retention systems with overflow capability into a modified storm water system in the direct area reducing flow in the overall system.

As part of the University of Missouri's officially adopted Sustainability Policy Statement (<https://sustainability.missouri.edu/about/mu-sustainability-policy>), the campus observes sustainable best practices in campus construction and procurement. The University of Missouri pursues a LEED certified-level for New Construction and Major Renovations (LEED-NC) on projects that are eligible for this version of certification. For those projects that are ineligible for certification under LEED-NC, the University of Missouri's Sustainable Design Guidelines (SDG) are applied. Based on LEED-NC, the MU SDG sets goals for design and construction, providing a consistent approach to developing sustainable buildings on campus.

The University of Missouri (MU) pursues LEED certification on all new construction or major renovation eligible projects by incorporating sustainable building practices into the projects. MU currently has seventeen (17) LEED Certified-level or greater projects: The Missouri Orthopedic Institute, and the Animal Resource Center are certified LEED buildings. Women and Children's South Pavilion, Missouri Orthopedic Institute Addition, and NextGen Precision Health are LEED Silver certified buildings. Health Care Patient Care Tower, Gwynn Hall Renovation, Swallow Hall Renovation, Gateway Hall, Mizzou Softball Stadium, and The State Historical Society of Missouri are all LEED Gold certified. Johnston Hall Renovation, Wolpers Hall Renovation, Patient-Centered Care Learning Center, Bluford Residence Hall, and Brooks Residence Hall are all LEED Platinum certified. For projects that do not meet the project size and scope requirements for LEED, the University uses a custom set of sustainability guidelines developed specifically for the MU campus. Currently there are seven (7) buildings that were designed under the sustainability guidelines but are not LEED certified.

Monitoring is not required under this MCM. Instead, the co-permittees must assume the strategies in the International BMP Database have already been vetted for effectiveness.

MCM 6: Pollution Prevention/Good Housekeeping for Municipal Operations

The co-permittees believe that the chosen BMPs are appropriate and have furthered the goals of reducing the discharge of pollutants to the maximum extent practicable. The three co-permittees have developed their pollution prevention/good housekeeping control measures after a thorough review of all their operations which are affected by stormwater runoff, or which affect stormwater runoff. The City and County interviewed operational personnel in all divisions and departments of each entity to tailor the program for each unique entity. MU tapped into their existing hazardous materials program which contains comprehensive data on the types of materials being used on campus as well as the people using them.

The City's municipal operations, including Public Works, City Utilities, and Parks and Recreation are very broad in scope and nature. These operations are carried out in a professional manner and operations staff training has always included elements of pollution prevention pertinent to each department, such as the proper disposal of transformer oil in the electric department. This good housekeeping training BMP augments the existing professionalism, broadens it, and brings focus to preventing stormwater pollution. Therefore, this BMP is effective. In addition to the good housekeeping training, stormwater staff regularly attend the Risk Management Facility Safety Audits of City-owned facilities to detect and correct any potential sources of stormwater pollution.

The County conducts street sweeping after "chip seal" operations to remove loose gravel and oil.

As a regulated Large Quantity Generator, MU must follow strict guidelines regarding management of unwanted chemicals, including used oil, and universal waste from all University operations. MU faculty, staff, and students were provided with the means to properly dispose of hazardous materials during the calendar year and collected 5,554 pounds of universal waste during 2025. MU prepares a biannual, once every other year, on hazardous waste collection numbers. In 2025, MU collected 68 tons of hazardous waste. Collecting this waste prevents potential contaminants from entering protected waterways adjacent to MU.

The co-permittees continue to schedule and conduct pollution prevention training for municipal staff. Education includes steps that can be taken to prevent or reduce pollutant runoff from municipal operations. This is an ongoing program for all permittees.

The co-permittees collaborated with the Mid-Missouri Solid Waste Management District (MMSWMD) to host a Boone County Recycling Collection event that was held on June 28, 2025, at the Northeast Regional Park. This event collected 19.74 tons of waste tires. The Mid Missouri Electronics Recycling Collection event was held on July 12, 2025, at a Mizzou Parking Lot, and collected 38.7 tons of electronic waste. Specifically on the e-waste side, 99 CRT monitors/TVs, 28 freon-containing items, and 131 flat screen TVs were collected. These same collection events

are scheduled tentatively for March 14, 2026, and September 26, 2026, location to be determined.

The City continued to sponsor Household Hazardous Waste Collections on the first and third Saturday of April through October from 8am – 12pm at the 1313 Lakeview Ave facility. The total collections properly disposed of:

- 2,706 gallons of oil
- 4,049 gallons of paint were diverted
- 49.67 tons of household hazardous waste collected and diverted from landfill
- 395 gallons of antifreeze
- 353 lead acid batteries
- 250 gallons of oil/antifreeze mix
- 455 gallons of gasoline
- 475 volunteer hours (14 collection events held)
- There were 3,646 cars serviced in total

Note that there was a new schedule for 2025. The HHW collections will continue be held on the first and third Saturday from April through October from 8am – 12pm at the 1313 Lakeview Ave facility.

The Boone County Sheriff's Office, in partnership with the Drug Enforcement Administration and other law enforcement agencies in Boone County, conducted Prescription Drug Take Back events in the spring and fall of 2025. The spring event recovered 272 pounds of medications, while an additional 335 pounds was recovered at the fall event.

All of the co-permittees have developed an operation and maintenance program with the ultimate goal of preventing pollutant runoff from municipal operations to the maximum extent practicable.

City BMPs include street sweeping programs and training for employees. It is recognized that training is essential for City workers and ongoing discussions of stormwater issues take place in employee safety meetings. New employee training for every City employee includes stormwater and good housekeeping training. The City has included pollution prevention education into the employee handbook. Stormwater Utility Educator trains personnel in each City Department about pollution prevention and good housekeeping.

- The City's street sweeping program continues to be an aggressive and effective BMP which picks up many pollutants, including soluble pollutants, before they are mobilized by stormwater. It would be difficult or impossible to remove from runoff with other structural BMPs.

- There are 1,099 striped lane miles of 12' or wider streets owned and maintained by the City.
- The Central Business District is swept every 8 weeks; Saturday and Sunday when MU has home football games.
- All other streets are swept every four months on a routine schedule.
- Streets are also swept as soon as practicable after snow events.
- Public Works continues to refine its street maintenance operations to minimize loose gravel.
- The street sweeping team (including 4 sweepers) averaged 65.34 miles per day on 181 unique days, with a total of 11,827 miles swept in 2025.
- Stormwater Utility staff attended Facility Safety Audits of City-owned facilities to identify any deficiencies related to good housekeeping and stormwater management on site.

The City would like to highlight the training conducted during the reporting period:

- City staff attended numerous webinars and virtual trainings on stormwater topics. These topics included water quality BMP's, flood mitigation solutions, stormwater purification, presto geosystems, efficient design solutions for storm sewer systems, etc.

Boone County Road and Bridge maintenance/material storage facility and operations is reviewed for compliance annually. The operational activities and procedures are reviewed annually, and training is provided to staff concerning hazardous materials handling, pesticide handling and spill response. This training is also applied to operations and maintenance of other facilities, infrastructure, etc. for which the County is responsible. Additionally, Boone County follows procedures listed in their Spill Prevention Control and Countermeasures (SPCC) plans for their South Facility and Hallsville Facility. Boone County also requires all new municipal development disturbing one acre or more, or redevelopment creating 3,000 square feet or more of impervious surface to provide water quality treatment BMPs.

Boone County would like to highlight the training conducted and received during this last calendar year:

- Facilities Management Staff Training: Boone County grounds crew members received training about good housekeeping practices, snow removal, plant selection, and the MS4. There were four (4) employees in attendance.
- New Employee Onboarding: New employees were informed about the MS4 as part of their onboarding process. REGFORM Conference: Stormwater staff attended the Missouri REGFORM Water Seminar to learn more about stormwater rulings and other stormwater-related topics.

- Road & Bridge Safety Day: Road & Bridge Department received training on good housekeeping, MS4 requirements, and held a work session on how the community can be salt smart. Thirty-nine (39) employees were in attendance.
- SDE 3.0 Workshop: Four (4) Resource Management staff members, including the stormwater coordinator, attended the SEMA hosted workshop to learn how to use the Substantial Damage Estimator 3.0 tool.
- Elevation Certificate Workshop: The stormwater coordinator attended this virtual workshop hosted by SEMA.
- MWEA Fall Technical and Stormwater Conference: The stormwater educator attended the conference to explore innovations in stormwater.
- REGFORM Conference: Stormwater staff attended Missouri REGFORM to learn about stormwater rulings and other stormwater-related topics.
- Mental Health First Aid: The stormwater coordinator and urban hydrologist learned how to recognize, understand and respond to signs of mental health or substance use challenges, and offer the first level of support.
- MO-SCP Stream Crossing Training: The urban hydrologist attended a week-long field training on how to inspect and rate low water crossing for aquatic passage.
- Land Disturbance Inspection Training: Resource Management staff received training on conducting land disturbance inspections. Four (4) building inspectors, one (1) road inspector, one (1) wastewater inspector, and four (4) staff were in attendance.
- Salt Smart: Safe Streets, Healthy Streams Campaign: Boone County Stormwater and Road and Bridge, along with other area partners, have been working on ways to more effectively use chloride during the winter months. This year, communication personnel and snow removers from the University of Missouri, City of Columbia, and Boone County met to facilitate communication with the public and news organizations regarding road salt usage to enhance the public's understanding of the snow removal methods employed and identify the appropriate contacts for public inquiries. 17 people attended.



Figure 18. Salt Smart Initiative Logo

- MoDNR MS4 Workshop Series: The Stormwater Coordinator attended 3 workshops hosted by the Missouri Department of Natural Resources (MoDNR). Topics included the MoDNR general permit overview and its relationship with MS4's, funding opportunities available through MoDNR's Financial Assistance Program and Section 319 Program, and information about impaired waters and how to implement the MS4 required Assumptions and Requirement Attainment Plan (ARAP).
- The Stormwater Team participated in various programs to enhance the team's agricultural knowledge and connections and promote best management practices across the county.
 - Agroforestry Symposium
 - MU Extension Town and Country Dinner
 - MO Soy cover Crops Field Day at Bay Farms
 - MO Soy Technology field Day
 - Ag Innovation Showcase
 - Understanding Ag Workshop & Field Day
 - Biggest Little Farm film screening and panel discussion

MU's non-structural BMPs, which center around training for employees, have been selected for fleet, chemical and waste facilities with a focus on hazardous chemicals, petroleum products, pesticides and infectious materials. Other non-structural BMPs address maintenance activities at the MU golf course, various landscape issues, and litter control.

MU's Department of Environmental Health and Safety is charged with environmental compliance and response to spills. EHS maintains trained personnel (currently nine (9) HAZWOPER trained personnel) and adequate supplies to respond to incidents. EHS coordinates remediation activities as appropriate.

MU has also chosen to highlight training during the reporting period:

- Spill, Prevention, Control and Countermeasures (SPCC) (EHS600): The SPCC Coordinator and all MU Campus oil-handling personnel are trained annually in the operation and maintenance of equipment to prevent discharges; discharge procedure protocols; applicable pollution control laws, rules and regulations; general facility operations; and the contents of the SPCC Plan. Used oil collection and recycling procedures are included in the training program. A total of 155 individuals from numerous departments on and off campus within the MS4 permit area received SPCC training in 2025.
- Analyzing Hazards (EHS301): 1,595 individuals received this training in 2025.
- Working Safely (EHS302): 1,435 individuals received this training in 2025.
- Laboratory Safety (EHS303): 1,356 individuals received this training in 2025.
- Hazard Communication (EHS304): 1,297 individuals received this training in 2025.

- MU Specific Chemical Safety Training (EHS305): 1,240 individuals received this training in 2025.
- Two MU EHS staff members attended the annual REGFORM Missouri Water Seminar in 2025.

Used oil and antifreeze collection and recycling procedures are included in each of the co-permittees training programs.

The co-permittees collaborated with the Mid-Missouri Solid Waste Management District (MMSWMD) to host a Boone County Recycling Collection event that was held on June 28, 2025, at the Northeast Regional Park. This event collected 19.74 tons of waste tires. The Mid Missouri Electronics Recycling Collection event was held July 12, 2025, at a Mizzou Parking Lot, and collected 38.7 tons of electronic waste. Specifically on the e-waste side, 99 CRT monitors/TVs, 28 freon-containing items, and 131 flat screen TVs were collected. These same collection events are scheduled tentatively for March 14, 2026, and September 26, 2026, location to be determined.

The co-permittees maintain the following Missouri State Operating Permits to reduce and/or eliminate pollutants from areas that the permittees operate:

City of Columbia:

General Operating Permit #MOR100032 – Land Disturbance Permit
Missouri State Operating Permit #MOR80F011 – Columbia Regional Airport
Missouri State Operating Permit #MO0112640 – Columbia Landfill and Yard Waste Compost
Missouri State Operating Permit #MO0004979 – Columbia Municipal Power Plant
Missouri State Operating Permit #MO0092924 – Columbia Regional Airport WWTF
Missouri State Operating Permit #MO0097837 – Columbia WWTP
Missouri State Operating Permit #MO0136034 – Columbia Water Treatment Plant

Boone County:

General Operating Permit #MOR100049 – Land Disturbance Permit

MU:

General Operating Permit #MOR100039 - Land Disturbance Permit
General Operating Permit #MOG823021 – No Discharge
General Permit #MO-G350238 - Discharge Permit
No Exposure Certification #MO-NX00564 – No Exposure Certification, MU Power Plant

2. BMPs implemented by government entity

No BMPs or MCMs were implemented by governmental entities other than those who are a party to this MS4 permit during the reporting period.

3. Proposed changes to the program area and documented SWMP (MCM 2)

The co-permittees updated the July 2020 SWMP to reflect the requirements of their current Missouri State Operating Permit No. MO-0136557. The SWMP was approved by the Department of Natural Resources' Municipal Separate Storm Sewer System (MS4) Program on April 8, 2022, and was reviewed again in 2025. After the public comment period in 2025, further revisions were needed. The MS4 partners are working with MDNR to reach a final revision in 2026.

4. Effective BMPs evaluated during the reporting period

See Part D Iterative Process Evaluation in the attached table.

5. Water samples collected and analyzed during the covered reporting period by the permitted MS4 or on behalf of the permitted MS4

No water samples were collected by, or on behalf of, the permitted MS4 during this reporting period.

MCM 1: Public Education and Outreach

Permit Section	Permit Requirement	BMP Number	BMP Description	BMP Purpose	Goal/Expected Result of BMP	Responsible Permittee	Measurable Goals & Milestones by Permit Year	Part D Iterative Process Evaluation	
							Permit Year 5 2025	BMP Evaluation	Effective BMP Criteria
1.A.i	Identify target audiences.	1	Identify target audiences and/or pollutants or sources of pollution the program is designed to address.	Create and maintain a public that is conscientious of the impacts that their behaviors have on local watersheds in order to reduce pollution from residential and commercial/industrial activities.	Provide permittees with list of target audiences and potential sources of pollution for use in facilitating educational opportunities.	All	Review and update target audience/ potential pollution source list for upcoming permit cycle.	Are the target audience lists being kept up-to-date, and audiences educated on the identified pollutant?	The lists are up-to-date. Consistent ongoing identification of these target audiences / potential sources of pollutants continues.
		2	Maintain a list of all K-12 public and private schools.	Create and maintain a public that is conscientious of the impacts that their behaviors have on local watersheds in order to reduce pollution and become stewards of their natural resources.	Maintain a list of schools and contacts for grade-school educational opportunities.	City, County	Review and update school list and contact information	Is the school contact list up-to-date?	This list is up-to-date. Consistent ongoing identification of this target audience continues.
		3	Maintain an education and outreach program to educate strategically targeted audiences about annually selected topics that are pertinent and timely to local water quality issues.	Provide nonpoint source pollution and water quality awareness in the community.	Hold outreach opportunities to increase awareness and promote positive behavior changes in the MS4 communities.	All	Compile a list of all education and outreach programs conducted throughout the year.	Did the permittees provide education and outreach programs and compile a list of those activities?	Numerous stormwater education and outreach activities were provided in 2025. A list was compiled for each program including the number of attendees at each.
1.A.ii	Distribute appropriate educational materials and/or media to the target audience(s) using methods and procedures determined by the MS4 Operators.	4	Develop and distribute stormwater education and outreach materials. (These may include: brochures, newsletters, fact sheets, door hangers, press releases, signage, PSAs)	Increase awareness and positive behavior changes in the MS4 communities by developing and distributing stormwater education and outreach materials.	Provide non-point source pollution and water quality awareness in the MS4 communities.	City	Educate at least 20 people through conversation, educational materials, and a survey at a minimum of two events.	Were two events held and at least 20 people educated each year?	Two events were held, 20 members of the public were educated about stormwater issues.
						County	Publish one stormwater-related article in the City Source newsletter annually.	Was a stormwater-related article published in the City Source newsletter?	5 stormwater-related articles were published in the City Source Newsletter in the months of January, February, May, August, and September 2025.
		MU	Various stormwater and stream buffer brochures are updated and furnished quarterly at the Boone County Resource Management office, and annually at Boone County Road and Bridge and Rock Bridge Memorial State Park.	Were brochures furnished yearly quarterly at the Resource Management office? Were brochures furnished annually to Road and Bridge and Rock Bridge Memorial State Park?	Brochures were refilled quarterly at the Resource Management Office and information about road salt was made available during the winter. Brochures were refilled annually at the Resource Management, Road and Bridge and Rock Bridge Memorial State Park offices.				
		MU	Develops and updates educational materials as necessary.	Were materials developed and updated as necessary?	Curriculum materials for the 50 courses in disciplines that deal with issues of water quality were updated as necessary (see BMP 5)				
	Conduct education and outreach activities.	5	Increase awareness and positive behavior changes in the MS4 communities by holding a stormwater education event in at a minimum of two classrooms each year.	Provide non-point source pollution and water quality awareness in the MS4 communities by holding a stormwater education event in at a minimum of two classrooms each year.	City, County	Educate at least 20 people through conversation, educational materials, and a survey at a minimum of ten events.	Were ten events held and at least 20 people educated each year?	The City held 14 stormwater education events, resulting in approximately 505 interactions with the community. The County held 25 stormwater education events, resulting in approximately 2,871 interactions with the community.	
					County	Provide stormwater education to a minimum of two K-12 classrooms	At which schools were the presentations held? Is there an increasing number of students being educated each year?	Southern Boone High School, Centralia Intermediate School, Hallsville schools, Columbia Public Schools: Two Mile Prairie, Grant, Parkade, New Haven, Rock Bridge, Cedar Rdige and Midway elementary schools; Oakland, Bueker, and Lange middle schools.	
		County	Host a minimum of two Lunch & Learn training sessions	Were a minimum of two Lunch and Learns held each year? Were questions and comments addressed?	Two lunch and learns were held in 2025. During these trainings, time for questions, comments, and follow-up information was provided.				
		MU	Increase awareness and positive behavior changes in the student community by conducting college-level courses on stormwater/water quality issues.	Conduct courses dealing with stormwater/water quality issues.	Were five courses conducted to educate students on stormwater/water quality issues?	The University of Missouri conducts courses as part of its curriculum in a number of disciplines that deal with issues of water quality and/or environmental management practices. A total of 50 courses were available for the winter and fall semester of 2025. Each course instructs between 5 and 300 students.			
6	Maintain Hinkson Creek Physical Habitat GIS Data Viewer	Increase awareness of the Hinkson Creek Watershed.	County	Maintain GIS viewer; Review and update as needed	Was the GIS viewer maintained and available to the public?	The GIS viewer is up-to-date and available for viewing at www.helpthehinkson.com . The GIS viewer had 109 visitors in 2025.			
7	Maintain and review dedicated stormwater resource websites and social media platforms.	Educate the community about the impacts of stormwater runoff, permit and inspection, requirements, and general watershed information.	All	Maintain and review stormwater resource websites and social media platforms.	Are all websites and social media platforms being maintained?	All websites and social media platforms are maintained. A list of websites and platforms can be found in Part C's narrative.			

1.A.iii	Create opportunities for residents to participate in the implementation of stormwater controls.	8	Provide the public with proper, publicly announced disposal opportunities for household hazardous waste to minimize the presence of these chemicals in local waterways.	Prevent disposal of hazardous waste in local waterways and increase awareness and promote positive behavior changes.	Provide safe disposal of hazardous waste materials by holding HHW events.	All	Hold co-permittee coordinated Household Hazardous Waste collection event.	Was the annual event held? How much waste was collected?	The Annual Household Hazardous Waste collection event did not occur in 2025, but instead a Tire Recycling collection event was held June 28, 2025. 19.74 tons of waste tires were collected. Also, an Electronics Recycling event was held on July 12, 2025 and collected 38.7 tons of electronic waste.	
						City	Continue twice a month City of Columbia Household Hazardous Waste (HHW) Collection Program April - November	Were twice a month HHW collections held? How much waste was collected?	HHW collections were held twice a month from April through October. Over the 14 collection events, 136.28 tons of waste were collected, with 49.67 tons diverted from the landfill.	
						County	Annual prescription drug take-back event hosted by Boone County Sheriff's Office	Was the annual prescription drug take-back event held? How much waste was collected?	Two prescription drug take-back events were held. 607 lbs. of no longer needed/wanted medication was collected.	
						MU	Provide MU faculty, staff, and students with the means to properly dispose of hazardous materials	Did MU provide faculty, staff, and students with the means to properly dispose of hazardous materials? How much waste was collected?	MU faculty, staff and students were provided the means to properly dispose of hazardous materials during calendar year 2025. 68 tons of hazardous materials were collected during 2025.	
		Maintain the MU EHS website, which provides information on proper handling and disposal methods for hazardous materials	Was the website maintained and information up to date?	The MU EHS website was maintained and the information was up to date during calendar year 2025.						
		9	Continue to implement and maintain public involvement/participation activities to engage citizens and continue to form partnerships that reach a diverse audience.	Engage citizens and form partnerships to reach a diverse audience.	Raise awareness and positive behavior changes by continuing to implement and maintain public involvement/participation activities.	All		Track number of volunteers/ volunteer organizations for public involvement/ participation activities	What activities and how many volunteers participated?	City: In 2025, there were 3,077 volunteers that provided 10,254 hours of service picking up 5,459 bags of trash.
										County: In 2025, there were 101 volunteers: 24 participated in water quality monitoring events, 18 participated in litter clean-up events, 21 participated in the CAM Tour, and 38 participated in the volunteer planting day at the Meyer Industrial Dr. bioretention basins.
										MU participation numbers are imbedded with City and County numbers.
							Were storm drains marked? How many?	City: Staff installed approximately 100 markers at various locations throughout Columbia. 25 local volunteers installed storm drain markers throughout Columbia in 2025.		
								County: Eight storm drain were marked in 2025.		
	At MU, approximately 150 storm drain markers were either distributed or installed at various locations on MU property in 2025.									
	City/County	Install signs in targeted watersheds.	Were signs installed? How many?	The City uses a GIS inventory to keep track of all the watershed signs. The City performed a visual inspection of all signs in Summer 2025, and had to reinstall 1 missing Bear Creek sign and post. All others were not damaged or missing.						
				The County installed 37 signs in the Devil's Icebox recharge area, Silver Fork, Terrapin Creek, Fowler Creek, and Rock Creek watersheds, and provided sign maintenance in the Gans Creek and Fox Hollow Branch watersheds in 2025.						
	County	Collect information about Stream Teams in Boone County.	Was each year's Measurable Goal met?	The spring and fall stream monitoring blitzes were cancelled due to drought conditions.						
Promote the Adopt-A-Road Program.		Was the program promoted? How many road segments were adopted?	30 road segments were adopted in 2025.							
MU	Promote clean-up opportunities for student groups and organizations.	Were clean-up opportunities promoted? How many student groups or organizations participated?	Clean-up opportunities were promoted. Several student groups and organizations participated in clean-up events.							

MCM 2: Public Involvement and Participation

Permit Section	Permit Requirement	BMP Number	BMP Description	BMP Purpose	Goal/Expected Result of BMP	Responsible Permittee	Measurable Goals & Milestones by Permit Year	Part D Iterative Process Evaluation			
							Permit Year 5 2025	BMP Evaluation	Effective BMP Criteria		
2.A	Develop and implement a comprehensive public participation program that provides opportunities for public participation in the development, implementation and review of the permittee's Stormwater Management Program.	1	Develop and implement a comprehensive public participation program that provides opportunities for public participation in the development, implementation, and review of the Stormwater Management Program.	Provide opportunities for public input concerning the Stormwater Management Program and the stormwater management plan.	Provide participation opportunities to interested citizens.	All	Hold public meetings to receive input on the proposed SWMP.	Was a public meeting held? Did the MS4 Operators receive public comments?	The Columbia City Council held public hearing on March 7, 2022 to allow for public comment. Two council members had questions and comments, which were addressed at the meeting. Public comment was available, but no one from the public made comments. Boone County Commission approved the proposed SWMP on March 24, 2022. No public comments were received at that time. MU approved the proposed SWMP on February 13, 2025. Three public comments were received and addressed.		
							Provide opportunities for CAM committees to meet and support the CAM process for Hinkson Creek Watershed.			Are regular CAM Stakeholder, Action, and Science Team meetings held? Are proposals for action items being implemented?	In 2025, the CAM Stakeholders met 3 times; Action Team met 8 times; Science Team met 5 times; Riparian Subcommittee met 4 times. Proposals are being implemented.
							Hold SCC meetings to discuss progress of the stormwater management program.			Did the SCC meet each year? How many times?	The SCC met 4 times in 2025.
2.A	Develop and implement a comprehensive public participation program that provides opportunities for public participation in the development, implementation and review of the permittee's Stormwater Management Program.	1	Develop and implement a comprehensive public participation program that provides opportunities for public participation in the development, implementation, and review of the Stormwater Management Program.	Provide opportunities for public input concerning the Stormwater Management Program and the stormwater management plan.	Provide participation opportunities to interested citizens.	City	Provide opportunities for the City of Columbia CAAP Climate & Environment Commission to meet.	Has the City made progress towards the CAAP stormwater goals? If so, how?	The City has made progress towards the CAAP goals. A Erosion and Sediment Control Guide has been developed and is planned to be implemented in 2026. The City has evaluated all CMP pipes 36" and larger under arterial and collector-classified roadways. The City has received ARPA funding of \$796,446.25 to line 16 CMP pipe locations under arterial and collector-classified roadways. Construction was completed December 2025.		
							Provide opportunities for public input and participation during the implementation phase of the IMP.			Has the City made progress towards the IMP stormwater goals? If so, how?	Progress towards IMP goals include: Completing the annual MS4 meeting, contracting with a local survey team to complete a condition assessment on unknown CMP pipes and created a ranking system to prioritize CIP funding. The maintenance team continued to inspect/replace/repair deteriorated storm pipe.
2.B	Follow public notice procedures outlined in the Missouri Department of Natural Resources General Operating Permit MO-0136557.	2	Hold a thirty (30) day public notice period for review of the Stormwater Management Program and Plan.	Provide opportunity for public input concerning the Stormwater Management Program and Plan.	Comply with permit public notice requirements.	All	Hold public notice period for SWMP review.	Was the public notice held for 30 days?	The 30 day public comment period was held prior to the public comment meeting that was held on February 13, 2025.		
		3	Post draft SWMP to each MS4 Operators public website with a way to submit public comments.	Provide citizen access to comment on the SWMP.	Comply with permit public notice requirements.	Each	Post the draft SWMP to the designated website and collect public comments.	Have all comments received been responded to?	The draft SWMP was posted to all three co-permittee's websites. Four comments were received via email. All comments were addressed.		
2.C	Hold a public information meeting to provide information on and describe the contents of the proposed Stormwater management Program and Plan.	4	Hold a public information meeting to provide information on, and describe the contents of, the proposed Stormwater Management Program and Plan.	Provide opportunity for citizens to comment on the SWMP.	Comply with permit requirements for public meetings.	All	Hold a public information meeting on the proposed SWMP and Plan.	Was a public information meeting held? How many people attended the meeting? Were comments given at the meeting?	The 30 day public comment period was held prior to the public comment meeting that was held on February 13, 2025. No comments were received at the meeting.		
2.D	The MS4 Operators shall each have a publicly available mechanism to take public inquiries, concerns, or take information about stormwater and stormwater related topics.	5	Provide dedicated MS4 stormwater websites to provide a mechanism to take public inquiries, concerns, or information about stormwater and stormwater related topics.	Provide a mechanism to take public inquiries, concerns, or information about stormwater and related topics.	Greater ability on the part of the MS4 partners to respond to stormwater inquiries.	Each	Maintain stormwater websites	Were stormwater websites maintained?	All websites and social media platforms are maintained. A list of websites and platforms can be found in Part C's narrative.		
2.E	Not Applicable										
2.F	A representative of each MS4 Operator shall report to the designated entity of each MS4 Operator at a minimum annually.	6	A representative of each MS4 Operator shall report to the designated entity of each MS4 Operator.	Allows representatives of the MS4 Operators to give a report on the status of and compliance with the SWMP.	Comply with permit requirements for reporting.	City	Submit SWMP annual report and draft SWMP to Columbia City Council	Was the annual report submitted to the Columbia City Council?	The annual report was not submitted to City Council in 2025.		
						County	Submit SWMP annual report and draft SWMP to Boone County Board of Commissioners	Was the annual report submitted to the Boone County Board of Commissioners?	The annual report was not submitted to Boone County Commission in 2025.		
						MU	Submit SWMP annual report and draft SWMP to MU EHS administration	Was the annual report submitted to MU EHS administration?	The annual report was submitted to MU EHS administration in 2025.		

MCM 3: Illicit Discharge Detection & Elimination (IDDE)

Permit Section	Permit Requirement	BMP Number	BMP Description	BMP Purpose	Goal/Expected Result of BMP	Responsible Permittee	Measurable Goals & Milestones by Permit Year	Part D Iterative Process Evaluation		
							Permit Year 5 2025	BMP Evaluation	Effective BMP Criteria	
3.A	Develop, implement, and enforce a program to detect and eliminate illicit discharges.		Permit requirement is addressed in section 3.B, 3.C and 3.D						Permit requirement is addressed in section 3.B, 3.C and 3.D	
3.B	The MS4 Operators shall maintain a stormwater sewer map.	1	Maintain stormwater drainage system map(s) showing all outfalls, pipes, inlets, associated attributes, and receiving streams.	Document the location of all new and existing MS4 stormwater outfalls, pipes, inlets, and their associated attributes for locational and logistical reference.	To have a maintained, updated and accurate map	City	Review and update map	Were storm sewer maps reviewed and are they up-to-date?	The City's storm sewer map is up-to-date and is reviewed and edited as needed.	
									County	The County's storm sewer map is up-to-date and is reviewed and edited as needed.
									MU	The MU storm drain map is up-to-date and is reviewed and edited as needed.
3.C	The MS4 Operators shall effectively prohibit non-stormwater discharges into the permittee's storm sewer system and implement appropriate enforcement procedures and actions. The prohibition shall be through ordinance or other regulatory mechanism, to the extent allowable under State or local law.	2	Effectively prohibit, through IDDE ordinance or other IDDE regulatory mechanisms, non-stormwater discharges into stormwater drainage system and implement appropriate enforcement procedures/actions.	Maintain water quality standards	Ordinance compliance and enforcement	All	Review IDDE Ordinances/ Regulatory Mechanisms. Update as necessary.	Were enforcement actions tracked and resolved and regulatory mechanisms updated as necessary?	The City documents all IDDE complaints in a City database. The MS4 technician noted any important information and how it was resolved. 3 MS4 Lunch and Learn meetings were held on December 9, 10, and 11, 2025 to allow City staff to review and discuss the IDDE ordinances and regulatory mechanisms.	
									Provide legal authority to address illicit discharges	The County tracked and documented all IDDE complaints. All complaints were resolved. The County reviewed their IDDE ordinance and is in the process of updating.
3.C	The MS4 Operators shall effectively prohibit non-stormwater discharges into the permittee's storm sewer system and implement appropriate enforcement procedures and actions. The prohibition shall be through ordinance or other regulatory mechanism, to the extent allowable under State or local law.	3	Maintain plan to detect and address non-stormwater discharges.	Implement plan to detect and address non-stormwater discharges.	Timely elimination of incidental non-stormwater discharges and take enforcement action as necessary	All	Conduct detection activities as necessary.	Were detection activities conducted as necessary?	The City performed 469 outfalls inspections in 2025, approximately 20% of the total.	
									Was the inspection goal for each year met?	
									Inspect 20% of MS4 outfalls	The County performed 40 inspections in 2025, approximately 20% of the total.
										MU met its goal of inspecting 20% of its outfalls in 2025.
										The City investigates non-stormwater discharges through public complaints, outfall inspections and routine observation by City staff.
										The County investigates non-stormwater discharges through public complaints, outfall inspections and routine observation by County staff.
3.D	The MS4 Operators shall inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste.	4	Inform public employees, businesses, and the general public of the hazards associated with illegal discharges and improper disposal of waste.	Educate the public about the hazards associated with illicit discharges.	Increased public understanding about the hazards of illicit discharges by distribution of communication materials.	All	Distribute communication materials to target audiences.	Were communication materials distributed to target audiences?	The City tracked non-stormwater discharges. There were 27 incidences reported by the public that the City investigated and resolved.	
									Track non-stormwater discharges reported by the public through provided outlets	In the County, no non-stormwater discharges were reported in 2025.
										No non-stormwater discharges were reported by the public through provided outlets.
								The MS4 technician distributed informational flyers to target audiences such as homeowners, businessowners and city employees as needed. The flyers cover topics including yard waste disposal, pool discharges and copies of the City's IDDE ordinances.		
								The stormwater educator included IDDE information during storm drain marking activities.		
								See efforts conducted by the City.		

MCM 4: Construction Site Stormwater Runoff Control

Permit Section	Permit Requirement	BMP Number	BMP Description	BMP Purpose	Goal/Expected Result of BMP	Responsible Permittee	Measurable Goals & Milestones by Permit Year	Part D Iterative Process Evaluation	
							Permit Year 5 2025	BMP Evaluation	Effective BMP Criteria
4.A	Enforce a program to reduce pollutants in any stormwater runoff to their small MS4 from construction activities that result in a land disturbance of greater than or equal to one acre.	1	Enforce a program to reduce pollutants from construction activities that result in a land disturbance of greater than or equal to one acre.	Ensure co-permittee land disturbance programs are implemented so that proper mechanisms are utilized to control runoff from construction sites disturbing greater than one acre.	Reduce pollution caused by construction site activities	All	Track site inspections and enforcement actions.	How many site inspections were performed? How many enforcement actions were taken?	The City conducted 393 building and site inspections. The inspections include a review of the erosion and sediment control bmp's. There were four first Notice of Violations (NOV's), zero second NOV's, and zero third NOV's issued. All NOV's were resolved.
									County inspection staff conducted 52 site inspections. Four NOV's were issued.
									MU conducted 652 weekly and post-rain event inspections in 2025. 23 NOV's were issued and subsequently resolved or actively are being addressed.
4.B.i	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.	2	Maintain regulatory mechanisms for active land disturbance projects.	Ensure co-permittee land disturbance programs are implemented so that proper mechanisms are utilized to control runoff from construction sites disturbing greater than one acre.	Control of erosion and sediment runoff, and sanctions for non-compliance	All	Conduct review of ordinance/ regulatory mechanism	Was the review of the ordinance/regulatory mechanism conducted?	The City held 3 MS4 Lunch and Learn meetings on December 9, 10, and 11, 2025 to discuss City ordinance as they relate to the MS4 program. There were approximately 100 employees in attendance and no comments from the other City departments were received.
									MU delegates authority to Environmental Health and Safety to implement compliance with the requirements of MCM4. This delegation of authority is found in Section 7:001 (Delegation of Responsibility) of the University of Missouri Business Policy and Procedures manual. This policy was last updated on 12/20/2021 and is reviewed as needed. MUs stormwater guidelines and Stormwater Master Plan were completed in late 2012 (and presented publicly in 2013 and 2015) and are reviewed annually.
									The City issued 24 land disturbance permits in 2025.
							Track number of land disturbance permits issued		Boone County issued 18 land disturbance permits and 8 stormwater discharge permits in 2025.
									MU added eight projects to its land disturbance permit during 2025.
4.B.ii	Requirements for construction site operators to implement appropriate erosion and sediment control best management practices.	3	Maintain written procedures for construction site operators to implement appropriate erosion and sediment control best management practices.	Minimize soil erosion and sedimentation caused by construction site activities.	Reduce sediment loss from construction site activities by maintaining written procedures for construction site operators	County, MU	Review ordinance/ regulatory mechanisms and stormwater design manuals	Was the review of the ordinance/regulatory mechanism and/or stormwater design manual conducted?	Revisions to the County's stormwater regulations were adopted on January 21, 2025.
							City		Develop a draft of ESC Manual changes.
4.B.iii	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.	4	Require construction site operators to control waste and erosion on construction sites by requiring a Stormwater Pollution Prevention Plan (SWPPP) and soil erosion control plans.	Control and/or prevent waste and erosion on construction sites.	Contain waste on-site through BMPs as specified in the SWPPP	All	Review SWPPP and/or site plan submittals	How many SWPPPs and/or site plans were submitted and reviewed?	There were 24 SWPPPs and 71 site plans were submitted and reviewed.
									Boone County reviewed 8 SWPPPs. 18 site plans were reviewed.
4.B.iv	Procedures for site plan review which incorporate consideration of potential water quality impacts.	5	Implement procedures for site plan review.	Require pre-construction planning.	Prevent adverse impacts to water quality by ensuring BMPs are properly installed and maintained.	All	Follow site plan evaluation procedures.	Were site plan evaluation procedures followed?	City site plan procedures were followed. The Building & Site department has a checklist to follow to ensure adequately installed BMPs.
									County site plan procedures were followed. Four Notice of Violation letters were issued. All violations were resolved.
									All MU site plan procedures were followed.
4.B.v	Procedures for receipt and considerations of information submitted by the public.	6	Maintain procedures for receipt and consideration of information submitted by the public. Maintain websites and hotline phone numbers.	Allow the general public a method for submitting comments/complaints.	Provide timely response to comments/complaints.	All	Record the number of complaints submitted, findings, and actions taken	How many comments/concerns were responded to?	The City's MS4 technician logged 261 complaints/concerns via Microsoft Access and SeeClickFix. All of the complaints/concerns were investigated and responded to.
									65 complaints/concerns were registered with Boone County in 2025. All were investigated.
									No concerns were reported to MU in 2025.

4.B.vi	Procedures for site-inspection and enforcement of control measures.	7	Implement inspection procedures for land disturbance sites.	Ensure appropriate erosion and sediment control BMPs are being used.	Ensure proper use of construction site BMPs.	All		How many site inspections were performed?	The City conducted 393 erosion control inspections in 2025.
									County staff conducted 52 site inspections.
						Track number of site inspections performed		MU conducted 652 site inspections in 2025.	
		All		Are site inspection records available?	City site inspection records are available from the Building and Site department upon request.				
		Maintain and implement inspection checklists			County inspection records are available upon request.				
				MU inspection records are available on request.					
8	Implement procedures for enforcement actions	Provide authority to enforce the rules, laws, regulations, and policies put in place to ensure proper use of BMPs.	Follow enforcement procedures.	All		How many violations were issued? Were violations addressed in a timely manner?	The City issued four first Notice of Violations (NOV's), zero second NOV's, and zero third NOV's. All violations were addressed in a timely manner.		
							In the County, 4 NOV's were issued. All were addressed within their timeline for compliance.		
				Track number of violations issued.		MU issued 23 NOV's in 2025; all were addressed in a timely manner.			

MCM 5: Post-Construction Stormwater Management in New Development and Redevelopment

Permit Section	Permit Requirement	BMP Number	BMP Description	BMP Purpose	Goal/Expected Result of BMP	Responsible Permittee	Measurable Goals & Milestones by Permit Year	Part D Iterative Process Evaluation	
							Permit Year 5 2025	BMP Evaluation	Effective BMP Criteria
5.A.i	Strategies which include a combination of structural and/or non-structural best management practices appropriate for the MS4 community.	1	Identify and develop strategies including structural and/or non-structural BMPs to improve quality of stormwater runoff.	Develop strategies that are practical and effective.	Reduce post-construction stormwater site runoff.	All	Implement and track water quality improvement projects, BMP monitoring projects, etc.	How many projects were implemented?	There were 9 new privately owned/maintained BMPs and 1 City owned/maintained BMPs installed in 2025.
									7 private BMPs were installed on 6 sites in the county.
								Are the total number of private BMPs increasing each year?	Yes, there were 9 new privately owned/maintained BMPs and 1 City owned/maintained BMPs installed in 2025.
							Add new BMPs to inventory as needed.		7 private BMPs were installed on 6 sites in 2025 in the county. MU added three BMPs in 2025.
5.A.i	Strategies which include a combination of structural and/or non-structural best management practices appropriate for the MS4 community.	1	Identify and develop strategies including structural and/or non-structural BMPs to improve quality of stormwater runoff.	Develop strategies that are practical and effective.	Reduce post-construction stormwater site runoff.	MU	Pursue LEED certification on all new construction or major renovation-eligible projects.	Was LEED certification pursued on all eligible projects?	The University of Missouri (MU) pursues LEED certification on all new construction or major renovation eligible projects by incorporating sustainable building practices into the projects. MU currently has seventeen (17) LEED Certified-level or greater projects.
						City, County		How many permits were issued?	In the City there were 9 newly built privately owned BMPs accepted in 2025.
			Track permits for installation of private BMPs	In the County, 8 permits were issued for privately owned BMPs.					
		2	Maintain stormwater quality manual or equivalent	Develop strategies that are practical and effective	Reduce post-construction stormwater site runoff	All		Have the stormwater design manuals, or equivalent, been reviewed?	The City reviewed its stormwater design manual and found no changes needed at this time. Revisions to the County's stormwater regulations were adopted on January 21, 2025. MU reviewed its stormwater design manual and found no changes needed at this time.
							Review stormwater design manual or equivalent; update as necessary		
		5.A.ii	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.	3	Maintain stormwater ordinance(s) or other regulatory mechanism(s) to address post-construction runoff	Protect stormwater from post-construction site runoff	Reduce post-construction stormwater site runoff	All	
	Revisions to the County's stormwater regulations were adopted on January 21, 2025.								
Review stormwater ordinance(s) or other regulatory mechanism(s); update as necessary	Ordinances and regulatory mechanisms were reviewed in 2025. No updates were required.								
5.A.iii	Ensure adequate long-term operating and maintenance of BMPs owned or operated by the MS4 Operators and, to the extent possible, privately owned BMPs.	4	Ensure adequate long-term operation and maintenance of BMPs by maintaining an operation and maintenance schedule of post-construction BMPs	Maintain inventory, maintenance and inspection schedules of BMPs	Reduce post-construction stormwater site runoff by prolonging the usefulness of installed BMPs	All		Was the inventory maintained and maintenance/inspection schedules kept?	The City maintained and updated its GIS database inventory of City-owned and privately owned post-construction BMPs. The City inspected its own BMPs per the inspection schedule (late fall/winter) and privately owned BMPs were self-inspected per the inspection schedule and due by November 15 each year.
									The County maintained and updated its GIS database for public and privately owned BMPs. Post-construction BMPs were self-inspected per the inspection schedule (spring).
							Maintain an inventory, maintenance schedule and inspection schedule of post-construction BMPs	MU maintained an inventory of its BMPs. BMP maintenance is currently routine while a regular schedule being developed.	
			Are post-construction BMPs being maintained?	Maintenance was performed on all of City owned BMPs in Summer/Fall 2025. The City created a budget for BMP maintenance for fiscal year 2024 that was implemented. This effort will be ongoing for 2026. Private BMPs are being maintained and maintenance needs addressed in a timely manner, tracked by self-inspection annual reports to the City.					
				County: All County-maintained BMPs are in good repair. Self-inspection reports were sent to privately owned BMPs. 9 required maintenance.					
			Track maintenance of all structural and non-structural BMPs	Post-construction BMPs are being maintained.					
	City	Inspect all City BMPs; maintain as necessary	Were all City BMPs inspected and maintenance issues (if any) fixed?	All City BMPs were inspected in 2025. Maintenance issues were addressed by contractor with some needing additional work in 2026.					

5.A.iii	Ensure adequate long-term operating and maintenance of BMPs owned or operated by the MS4 Operators and, to the extent possible, privately owned BMPs.	4	Ensure adequate long-term operation and maintenance of BMPs by maintaining an operation and maintenance schedule of post-construction BMPs	Maintain inventory, maintenance and inspection schedules of BMPs	Ensure BMPs are constructed and maintained to function as designed	City	All private BMPs inspected and reported to City by owner or owner's representative.	Were all private BMPs inspected and maintenance issues (if any) fixed?	100% of all private BMPs were inspected and maintenance issues addressed in a timely manner, with some needing a longer timeframe for completion.
						County	Inspect all County BMPs; maintain as necessary	Were all County BMPs inspected and maintenance issues (if any) fixed?	County BMPs were inspected. No maintenance issues.
							All private BMPs inspected and reported to County by owner or owner's representative.	Were all private County BMPs inspected and maintenance issues (if any) fixed?	All privately owned BMPs were inspected and maintenance issues were addressed by working through their approved timelines for completion.
						MU	Landscape Services and Campus Facilities perform routine maintenance on all stormwater BMPs.	Was routine maintenance performed?	At MU, routine maintenance of BMPs was performed during 2025.

MCM 6: Pollution Prevention/Good Housekeeping

Permit Section	Permit Requirement	BMP Number	BMP Description	BMP Purpose	Goal/Expected Result of BMP	Responsible Permittee	Measurable Goals & Milestones by Permit Year	Part D Iterative Process Evaluation		
							Permit Year 5 2025	BMP Evaluation	Effective BMP Criteria	
6.A	The MS4 Operators shall develop or maintain controls for reducing or eliminating the discharge of floatables and pollutants from areas owned or operated by the MS4 Operator.	1	Maintain operation and maintenance schedule for operation and maintenance program.	Prevent, reduce and/or eliminate floatables and pollution from municipal or similar operation activities	Have a written operation and maintenance schedule or controls in place.	All	Review of Hazardous Material Management and SPCC programs; update as necessary	Is employee training documentation available?	City employee SPCC and hazardous material training was documented and is available upon request.	
									County employee SPCC training was documented and is available upon request.	
									MU employee SPCC and hazardous material training was documented and is available.	
							City	Participate in facility safety audits	Were safety inspection audits completed on time? Were all comments and concerns addressed in a timely manner?	MS4 Technician participates in facility safety audit inspections with Risk Management that are held at least once a month at City-owned facilities. Any concerns noted are required to be addressed within 30 days of the facility report.
Review SPCC employee training for upcoming SWMP	What changes were made to address SPCC deficiencies? Do facility managers have their own BMPs for SPCC?	Changes were proposed to Public Works SPCC in 2025. They City is implementing usage of Break Time fuel stations instead of in-house fuel stations. This will affect SPCC plans. Changes/alterations will be needed after implementation.								
6.B	The MS4 Operators shall maintain an employee training program for MS4 staff.	2	Identify employee groups who have the potential to impact stormwater quality	Prevent and reduce stormwater pollution from municipal operations through employee training	Obtain improved employee understanding of pollution prevention and housekeeping practices	City	Train all new employees as part of the onboarding process	Were all new employees trained? If so, how many?	In 2025, all new employees were trained during the onboarding process.	
							All City employees receive MS4 training	How many employees have been trained?	Annual training videos for all City employees were provided in 2025.	
							County	Train new employees as part of the onboarding process.	How many employees have been trained?	All new County employees were trained during the onboarding process, all County employees were sent two stormwater newsletters, 39 Road & Bridge employees received training during Safety Day, 4 Facilities Management staff received training, and 10 Resource Management staff were trained in land disturbance inspections.
								Maintain a list of employee groups trained	Is the list up-to-date? How many employees were added to the list?	The IT department maintains the All County employee list and fluctuates with hiring changes.
		MU	Identify employees who handle hazardous materials and/or petroleum products	Were employees identified and have they been trained?	At MU, employees who handle hazardous materials and/or petroleum products were identified and trained in 2025.					
		City, County	Train impacted municipal staff/employees	How many employees have been trained?	The Stormwater Utility held three MS4 Lunch and Learn meetings on December 9, 10, and 11, 2025 where employees reviewed and discussed the MS4 program. Annual training videos for all City employees were provided in 2025.					
					Approximately 440 County employees, including Road & Bridge, Facilities Management, and Resource Management staff, were trained.					
		MU	Train impacted staff, faculty, and students	Were staff, faculty and students trained? How many?	At MU, 155 individuals received SPCC training in 2025 and 7,085 individuals received training through six different laboratory safety or chemical handling training courses in 2025.					
Each	Review training presentation(s); update as necessary	Are training presentations up-to-date? What modifications (if any) were made to the trainings?	The training presentations are up-to-date. No modifications were made.							