

KANSAS STORMWATER 2014 ANNUAL REPORT FORM FOR MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4s)

Check box if
this is a new name,
address, phone, etc.

Permittee Information and Reporting Period

Permittee (Agency Name):	City of Shawnee	<input type="checkbox"/>
Mailing Address:	11110 Johnson Drive	<input type="checkbox"/>
City:	Shawnee	<input type="checkbox"/>
State:	Kansas	<input type="checkbox"/>
Zip Code:	66203	<input type="checkbox"/>
Contact person:	Michael J. Gregory, P.E., Stormwater Manager	<input type="checkbox"/>
Contact E-Mail address:	mgregory@cityofshawnee.org	<input type="checkbox"/>
Contact Phone Number:	913-742-6312	<input type="checkbox"/>
Kansas Permit Number:	M-KS68-SU01	(Example) M-MC21-SU01

Reporting period covers activities from January 1, 2014 through December 31, 2014.

This annual report must be submitted to the Kansas Department of Health and Environment (KDHE) by February 28, 2015. This annual report must be submitted as a word or PDF file to KDHE on a standard compact disk (CD). A paper copy of the report may, in addition to the CD, be submitted if the permittee so desires but is not required.

The permit establishes several reporting requirements, please review "PART V REPORTING" within the permit and ensure the various items which must be reported with the annual report are included with the report.

B. Executive Summary

Append an executive summary to this report which briefly covers the major aspects of the MS4 stormwater management program enacted during the year. In completing the executive summary, the preparer should address the following questions:

1. Were there any aspects of the program that appeared especially effective at reducing pollutants in your stormwater discharge?
2. Were there any aspects of the program that provided unsatisfactory results?
3. What was the most successful part of the program?
4. What was the most challenging aspect of the program?

The executive summary does not need to be extensive and detailed. It is anticipated the executive summaries will range from one half of a page to two pages in length depending on the scope of the program.

C. Stormwater Management Program

Place a check mark in the appropriate box.			
	Yes	No	Not Applicable
1. Has the Stormwater Management Program (SMP) been developed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Has the SMP been modified during this reporting period?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. If the answer to question 2 above was "yes", has the modified SMP been submitted to KDHE for review?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

If the answer to item 3 is "No" a copy of the modified SMP must be submitted with this annual report. If it is anticipated a measurable goal cannot be met in the next year the SMP should be modified and submitted to KDHE for review. The modifications may include different BMPs and/or revised goals to avoid being in a position of non-compliance

D. Total Maximum Daily Load (TMDL) Best Management Practices

Place a check mark in the appropriate box.			
	Yes	No	Not Applicable
1. Were any best management practices (BMPs) intended to attenuate the discharge of TMDL regulated pollutants implemented? See your permit to determine if TMDL regulated pollutants are listed for the receiving stream affected by your stormwater system.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. List all of the BMPs intended to attenuate the discharge of TMDL regulated pollutants as identified in the SMP and provide the requested information on the following table on the following pages			

D. Total Maximum Daily Load (TMDL) Best Management Practices (Table)

BMP ID NUMBER	Brief BMP Description	Regulated TMDL Parameter	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)
1 (Provided by City of Shawnee)	Illicit Discharge Detection and Elimination (IDDE) Program: Systematic outfall inspections	Sediment Bacteria Nutrients	Number of Violations Enforcement Measures Documented	38 Pollution Reports were made in 2014. Of those reports, 1 was reported through IDDE outfall inspections. No Enforcement Measures Required.
2 (Provided by City of Shawnee)	EROSION AND SEDIMENT CONTROL: Review plans, issue permits, track violations and enforcements measures.	Sediment Bacteria Nutrients	Number of Violations Enforcement Measures Documented	32 Erosion Control Violations were noted in 2014. 201 Land Disturbance Permits (LDPs) issued in 2014. 1169 LDP Inspection Performed. 54 LDP Violations Noted. All reports were properly inspected and mitigation efforts were implemented if applicable.
3 (Provided by City of Shawnee)	STREAM SETBACK ORDINANCE: Adopt ordinance or other regulatory mechanism to protect riparian areas adjacent to streams.	Sediment Bacteria Nutrients	Ordinance Adopted (Shawnee Design Manual)	Stream setback design criteria found in City of Shawnee Design Manual. Adopted by Shawnee Ordinance 3021
4 (Provided by JCSMP and City of Shawnee)	FREE SOIL TESTING: Educate residents that applying fertilizer without a current soil test can result in over application and excessive nutrient runoff. Participants receive a custom report with recommended rates of application and proper timing.	Nutrients	Number of soil tests	876 soil tests county-wide The City of Shawnee had 69 soil tests submitted by residents in 2014.

<p>5 (Provided by JCSMP and City of Shawnee)</p>	<p>PET WASTE BAG DISPENSORS: Installed in city/county parks encouraging pet owners to pick up after pets. JCSMP purchases dispensers and bags.</p>	<p>Bacteria</p>	<p>Number of dispensers purchased Number bags used.</p>	<p>94 Dispensers Countywide 276,000 bags used Countywide 12 Dispensers installed in City of Shawnee Parks 8000 Pet Waste Bags used</p>
<p>6 (Provided by JCSMP)</p>	<p>SEPTIC SYSTEM INSPECTON PROGRAM: Johnson County Department of Health and Environment staff performs inspections of all on-site sewer systems at construction and resale of property</p>	<p>Bacteria</p>	<p>Number of inspections Number of soil profile analysis Number of required repairs</p>	<p>279 residential 330 commercial 62 soil profile analysis 222 repairs completed</p>
<p>7 (Provided by City of Shawnee)</p>	<p>CityLine Newsletter: Articles that inform citizens about the dangers of improper disposal of pet waste and improper fertilization</p>	<p>Bacteria Nutrients</p>	<p>Number of newsletters in circulation</p>	<p>City of Shawnee Newsletter that includes water quality articles (Approx. 30,000 Circulation) Published 3 times annually</p>
<p>8 (Provided by City of Shawnee)</p>	<p>Street Sweeping: Provide street sweeping of City of Shawnee streets to remove and prevent sediment, nutrients, bacteria, and other pollutants from entering the storm drainage system.</p>	<p>Bacteria Nutrients Sediment</p>	<p>Frequency of street sweeping on City of Shawnee streets.</p>	<p>City of Shawnee streets were swept at various frequencies, but at an average rate of all streets once every 5 weeks.</p>

<p>9 (Provided by City of Shawnee)</p>	<p>Community Focus Groups: Work with community groups and residents to promote community involvement and awareness in improving or maintaining water quality.</p>	<p>Bacteria Nutrients Sediment</p>	<p>List of activities throughout the year</p>	<p>The City of Shawnee works with volunteers to install inlet markers and hang informational door hangers throughout the city. This program is ready to go when volunteers become available to participate.</p> <p>The City of Shawnee continues on with a Neighborhood Watershed Newsletter to watershed areas with nearby sensitive water bodies. This informed residents of their watershed and water quality items that affect their watershed.</p> <p>The City of Shawnee continues to implement Construction Standards Manual that requires all new stormwater infrastructures with manhole lids to use a new customized manhole lid that states "No Dumping. Drains to Stream."</p>
---	--	--	---	--

E. Stormwater Management Program Requirements (Six Minimum Control Measures)

1. Public Education and Outreach (Table)

List all of the public education and outreach BMPs as identified in the SMP and provide the requested information in the following table.

BMP ID Number	Brief BMP Description	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)
<p>1 (Provided by JCSMP and City of Shawnee)</p>	<p>Public Education/Outreach: The Johnson County Stormwater Management Program (JCSMP) contributed funds on behalf of all MS4 permitted cities in Johnson County to the Mid-America Regional Council (MARC) - Water Quality Education Committee, and the Johnson County K-State Research & Extension Council (K-State). The following is a summary of public education/outreach activities completed.</p>		
	<p>a) 2014 REGIONAL STORMWATER SYMPOSIUM: Organized and hosted by the MARC. One day event focused on NPDES MS4 permit compliance. Goal was to convene representatives from public works, planning, water and parks departments, engineering firms, regulatory agencies and nonprofit organizations to reflect upon the history and future of stormwater management efforts in Greater Kansas City.</p>	<p>Number of attendees</p> <p>Number of City of Shawnee staff that helped with event.</p>	<p>122 attendees</p> <p>The City provided 3 staff members to help host this event.</p>
	<p>b) 2014 HEALTHY YARDS EXPO: Expo provided residents with the opportunity to educate themselves about responsible lawn care practices and products and services available to them to improve stormwater stewardship. The Expo also includes an educational lecture series where attendees can learn from experts in various healthy lawn care topics.</p>	<p>Number of attendees</p> <p>Number of exhibitors</p> <p>Number of City of Shawnee staff that helped with event.</p>	<p>730 attendees</p> <p>25 exhibitors</p> <p>The City provided 3 staff members to help host this event.</p>

<p>c) PRINT MEDIA: Newspaper ads to generate general awareness about stormwater pollution prevention. Topics may include; trash, healthy lawn care, soil testing, pet waste etc...</p> <p>d) BILLBOARDS: Indoor/outdoor billboard type ads to generate general awareness about stormwater pollution prevention. Topics may include; trash, healthy lawn care, soil testing, pet waste etc...</p> <p>e) INTERNET/SOCIAL MEDIA: Emails/Tweets/Facebook Posts and other online media to generate general awareness about stormwater pollution prevention. Topics may include; trash, healthy lawn care, soil testing, pet waste etc...</p> <p>f) COMMUNITY EVENTS: Provide educational content at local events and festivals. Includes activities performed by K-State, MARC, and City</p> <p>g) CITY NEWSLETTERS/BROCHURES:</p> <ol style="list-style-type: none"> 1. The City of Shawnee CityLine Newsletter is sent out 3 times annually with articles that include topics related to stormwater treatment through native plants, good lawn care practices, proper disposal of pool water, and ways to reduce stormwater pollution. 2. The City of Shawnee Neighborhood Watershed Newsletter is a focused publication that is mailed out 2 times annually to keep residents informed of their watershed and water quality issues that affect their watershed's ponds and stream. 	<p>Number of ads Number of impressions</p> <p>Number of billboards Number of impressions</p> <p>Number of ads Number of impressions</p> <p>Number of events Number of people reached</p> <p>Number of City events</p> <p>Number of publications in circulation</p> <p>Number of publications in circulation</p>	<p>46 county wide ads published 5,376,000 Impressions.</p> <p>46 county wide indoor billboards 3,482,952 Impressions</p> <p>23 county wide ads published 1,019,848 Impressions</p> <p>12 county wide Events 4,000 people reached</p> <ol style="list-style-type: none"> 1. Neighborwood Event – 10/11/14 (Appr. 250) 2. Healthy Yards Expo – 03/29/14 (Appr. 800) 3. What's Going On In Your Neighborhood? Meetings – 03/25/14 & 09/23/14 4. Cedar Mill Watershed Meeting – 10/06/14 (46) 5. Monticello Trails Middle School Water Quality Testing – 11/04/14 & 11/05/14 6. Shawnee Business Expo – 10/09/14 (Appr. 500) <p>City of Shawnee CityLine Newsletter (Approx. 30,000 Circulation)</p> <p>Neighborhood Watershed Newsletter (355 mailed out to targeted audience)</p>
---	---	---

<p>2 (Provided by JCSMP and the City of Shawnee)</p>	<p>Stormwater Website: Maintain webpage(s) dedicated to general stormwater education and pollution prevention.</p> <p>http://www.jocogov.org/dept/public-works/stormwater-management/water-quality/about-water-quality</p> <p>http://www.cityofshawnee.org/WEB/ShawneeCMS.nsf/vwContent/StormwaterManagement?OpenDocument</p>	<p>Number of page views</p> <p>Number of page views</p>	<p>83 page views</p> <p>760 page views</p>
<p>3 (Provided by City of Shawnee)</p>	<p>Annual Program Review: Assess applicability of BMPs for MCM1 in SMP</p>	<p>Review and revise as necessary</p>	<p>BMPs Reviewed No revisions required</p>

2. Public Involvement and Participation (Table)

List all of the public involvement and participation BMPs as identified in the SMP and provide the requested information in the following table.

BMP ID Number	Brief BMP Description	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)
<p>1 (Provided by JCSMP and the City of Shawnee)</p>	<p>Promote Community Involvement in Stormwater Water Quality Issues: The JCSMP provided funding on behalf of all MS4 permitted cities in Johnson County for the following public participation/involvement programs.</p> <p>a) BMP COST SHARE PROGRAM: Program to encourage individual landowners and businesses to incorporate stormwater BMPs on their property that reduce stormwater runoff and aid in the improvement of water quality. The JCSMP Program provided funding to cities to reimburse residents up to 50% for select BMPs installed</p> <p>b) FREE SOIL TESTING PROGRAM: Tests offered through K-State. Goal is to educate residents that applying fertilizer without a current soil test can result in over application and excessive nutrient runoff. Participants receive a custom report with recommended rates of application and proper timing.</p>	<p>Number of BMPs installed</p> <p>Number of soil tests</p>	<p>57 BMPs installed county-wide</p> <p>The City of Shawnee had 3 Rain Gardens and 10 Rain Barrels installed under this grant.</p> <p>The City of Shawnee hosted 4 Rain Barrel classes with 18 in attendance.</p> <p>876 soil tests county-wide</p> <p>The City of Shawnee had 69 soil tests performed under this program by Shawnee Residents.</p>

<p>2 (Provided by JCSMP and the City of Shawnee)</p>	<p>Mechanism for Public Participation: Post Annual Report and current effective SMP on website. Provide mechanism for public to comment and assist with developing, implementing, updating, and reviewing the SMP if they desire. http://www.jocogov.org/dept/public-works/stormwater-management/water-quality/npdes-information</p> <p>The City of Shawnee posts our Stormwater Management Plan and updated NPDES Report to the City website and provides contact information and links in which the public can contact the Stormwater Group.</p>	<p>Documents on website?</p> <p>Contact information provided on-line?</p> <p>Documents on website?</p> <p>Contact information provided on-line?</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>
<p>3 (Provided by JCSMP and the City of Shawnee)</p>	<p>Comply with Public Notice Provisions: Comply with applicable state and local public notice requirements when revising the SMP. Provide opportunity for public comment and provide feedback to public comments as required.</p>	<p>Revisions advertised</p> <p>Comments addressed</p>	<p>No revisions required</p> <p>No comments received</p>
<p>4 (Provided by the City of Shawnee)</p>	<p>Annual Program Review: Assess applicability of BMPs for MCM2 in SMP</p>	<p>Review and revise as necessary</p>	<p>BMPs Reviewed</p> <p>No revisions required</p>

3. Illicit Discharge Detection and Elimination

Place a check mark in the appropriate box.

- | | Yes | No | Not Applicable |
|--|-------------------------------------|--------------------------|--------------------------|
| 1. Has a program/plan been developed and is it presently implemented to detect and address illicit/prohibited discharges into the MS4? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. The permit requires the permittee enact ordinances resolutions or regulations. Have any ordinances, resolutions or regulations to prohibit non-stormwater discharges into the MS4 been enacted? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Shawnee Ordinance 2824
Effective Date: October 1, 2006

Has the ordinance, resolution or regulation been modified?

Effective Date: N/A

- | | | |
|--|-------------------------------------|-------------------------------------|
| 3. Have the ordinances, resolutions or regulations and/or modifications been submitted to KDHE for review? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Have public employees, business, and the general public been informed of the hazards associated with illegal discharges and improper disposal of waste? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Have public employees, business, and the general public been informed of the hazards associated with illegal discharges and improper disposal of waste? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Have stormwater inlets & detention ponds been inspected? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7. Are restaurant waste grease areas inspected? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8. Are septic systems inspected? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 9. Are the streets swept frequently? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 10. Is there a yard waste management program? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 11. Are snow removal activities inspected? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

12. List all of the illicit discharge detection and elimination BMPs as identified in the SMP and provide the requested information in the table on the following pages.

3. Illicit Discharge Detection and Elimination (Table)

BMP ID Number	Brief BMP Description	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)
1 (Provided by JCSMP and City of Shawnee)	Implement IDDE Plan: Implement plan to detect, identify the source, and eliminate non-stormwater discharges to the MS4.	Plan Implemented Actions Documented (as required)	Yes Yes, if required.
2 (Provided by JCSMP and City of Shawnee)	Storm Sewer System Map: Maintain updated map of MS4 showing storm sewer outfalls and names and location of all waters of the US that receive discharges from outfall.	Map Updated (as required)	Johnson County Stormwater Network has been mapped and is periodically updated through the AIMs department. The network also has upstream and downstream trace functionality to aid in illicit discharge investigations. A link to the network can be found on the JCSMP website. City of Shawnee updated map is attached as Attachment A. Last map update was January 15, 2015.

<p>3 (Provided by JCSMP and City of Shawnee)</p>	<p>Stormwater Hotline: JCSMP maintains a dedicated phone number (913)715-6969 and on-line reporting system that residents can use to report incidents of stormwater pollution and suspected violators. Phone messages and online reports are forwarded to the appropriate city.</p> <p>http://www.jocogov.org/dept/public-works/stormwater-management/report-pollution.</p> <p>The City of Shawnee maintains a pollution report email address and reporting system via www.cityofshawnee.org. When a report is input into the system, it is forwarded to stormwater personnel, who then inspection the report. During non-business hours, the public is directed to call Shawnee Police to report pollution.</p>	<p>Number of Reports</p> <p>Investigation/Actions Documented</p>	<p>The City of Shawnee received 38 Pollution Report Notifications.</p> <p>All reports were properly inspected and mitigation efforts were implemented, if applicable.</p>
<p>4 (Provided by JCSMP)</p>	<p>HHW Collection: The JCSMP provided financial assistance to the DHE and the city of Olathe's HHW Collection programs. This funding allowed for an increase in drop-off appointments at both facilities that would not have otherwise been possible.</p>	<p>Number of participants</p> <p>Pounds of HHW collected</p>	<p>13,599 Participants Countywide</p> <p>1,214,871 Pounds Collected</p>
<p>5 (Provided by JCSMP)</p>	<p>HHW Education: Public education campaign to encourage residents to use the program and importance of proper HHW disposal.</p>	<p>Number of Impressions</p>	<p>1,742,000 Impressions</p>
<p>6 (Provided by JCSMP)</p>	<p>Septic System Inspection Program: Johnson County DHE staff performs inspections of all on-site sewer systems at construction and resale of property</p>	<p>Number of inspections</p> <p>Number of soil profile analysis</p> <p>Number of required repairs</p>	<p>279 residential 330 commercial</p> <p>62 soil profile analysis</p> <p>222 repairs completed</p>

7 (Provided by JCSMP)	Grease Management Program: Johnson County Wastewater Staff inspects restaurants for proper grease trap interceptor installation and compliance with pump schedule	Number of plan reviews Number of inspections	71 plan reviews 42 inspections
8 (Provided by City of Shawnee)	Annual Program Review: Assess applicability of BMPs for MCM3 in SMP	Review and revise as necessary	BMPs Reviewed No revisions required

4. Construction Site Stormwater Runoff Control

Place a check mark in the appropriate box.

	Yes	No	Not Applicable
1. The permit requires the permittee to enact ordinances, resolutions or regulations. Has an ordinance, resolutions or regulation to address construction site runoff from new development and redevelopment projects been enacted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Shawnee Ordinance 2867 Effective Date: January 1, 2008		
2. Has a copy of the ordinance, resolution or regulation been submitted to KDHE for review?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. Has a procedure or program been developed requiring construction site owners and/or operators to implement appropriate erosion and sediment control best management practices?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4. Has a procedure or program been developed requiring construction site owners and/or operators to control waste such as discarded building materials, concrete truck washout, chemicals, paint, litter and sanitary waste at construction sites likely to cause adverse impacts to water quality?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5. Has a procedure been developed and implemented requiring site plan approval of erosion control and debris container locations incorporating consideration of potential water quality impacts?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6. After approval, is a construction site permit issued?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
7. Has a procedure been developed for the receipt and consideration of information submitted by the public?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8. Has a procedure been developed and implemented for construction site inspection and enforcement of the control measures?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
9. Are construction site inspection and enforcement actions successful?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
10. Are site owners and/or operators provided instruction on proper construction site erosion and waste control?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
11. List all the construction site stormwater runoff control BMPs as identified in the SMP and provide the requested information in the table on the following pages			

<p style="text-align: center;">2 (Provided by City of Shawnee)</p>	<p>Receipt of Public Information on Compliance: Provide a mechanism for receipt and consideration of information submitted by the public on construction site compliance.</p>	<p style="text-align: center;">Number of Reports</p> <p style="text-align: center;">Investigation/Actions Documented</p>	<p style="text-align: center;">32 Erosion Control Complaints reported</p> <p style="text-align: center;">38 Illicit Discharge Complaints reported</p> <p style="text-align: center;">All reports were properly inspected and mitigation efforts were implemented if applicable.</p>
<p style="text-align: center;">3 (Provided by JCSMP)</p>	<p>Contractor Training: Provide education and informational resources for contractors installing and using erosion and sediment control measures on construction sites. This year the Johnson County Contractors Licensing Program offered the 8-hour the "ABCs of BMPs" class that instructs contractors on proper erosion and sediment control at construction sites.</p>	<p style="text-align: center;">Number of individuals trained.</p>	<p style="text-align: center;">99 attendees county-wide</p> <p style="text-align: center;">City of Shawnee staff attended this training.</p>
<p style="text-align: center;">4 (Provided by City of Shawnee)</p>	<p>Annual Program Review: Assess applicability of BMPs for MCM4 in SMP</p>	<p style="text-align: center;">Review and revise as necessary</p>	<p style="text-align: center;">BMPs Reviewed</p> <p style="text-align: center;">No revisions required</p>

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

Place a check mark in the appropriate box.

Yes No

1. The permit requires the permittee to enact a program to address post-construction site stormwater runoff from new development and redevelopment.

The program developed to manage stormwater in new development and redevelopment projects must include the following elements:

- a. Strategies which include a combination of structural and/or Non-structural BMPs,
- b. Measures to ensure adequate long-term operation and maintenance of BMPs,
- c. Site Owner or operator name and telephone number Responsible to ensure adequate long-term operation Maintenance of BMPs,
- d. BMPs to prevent or minimize adverse water impacts.

2. Has a post-construction stormwater runoff program been Implemented?
3. Have post-construction sites been inspected?
4. Have there been post-construction violations?
5. List all the post-construction site stormwater management in new development and redevelopment BMPs as identified in the SMP and provide the requested information in the table on the following pages.

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

BMP ID Number	Brief BMP Description	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)
<p>1 (Provided by City of Shawnee)</p>	<p>Implement Post-Construction Stormwater Runoff Control Program: Implement program requiring control of stormwater runoff from new development and redevelopment projects that disturb greater than one acre of land, and requirements for long-term maintenance of structural controls. Required elements of this program include.</p> <ul style="list-style-type: none"> a) SITE PLAN REVIEW: Ensure site plans incorporate appropriate post-construction runoff controls designed according to previously adopted standards and design manual. b) FINAL CONSTRUCTION INSPECTION: Perform final inspection (or obtain certification from design engineer) to ensure that all post-construction runoff controls were installed according to plans and functioning as designed. c) TRACKING SYSTEM: Maintain database (or other system) to track location and contact information of responsible party for all structural post-construction runoff controls d) LONG TERM MAINTENANCE: Implement an inspection and enforcement program to ensure adequate long-term maintenance of structural post-construction runoff controls. 	<p>Plans Reviewed</p> <p>Certifications by a Kansas Licensed Engineer/Landscape Architect</p> <p>Database Updated</p> <p>Number of Regulated Project Locations</p> <p>Number of Violations</p> <p>Enforcement Actions Documented</p>	<p>9 Projects reviewed for construction in 2014</p> <p>21 BMPs installed through all 9 Projects</p> <p>Annual Certifications are being monitored and filed annually. Properties in violation are being followed up with in a timely manner.</p> <p>The City of Shawnee maintains a GIS database to track information and certification for all BMPs throughout the city.</p> <p>14 Project Location Certification Inspections</p> <p>No violations found for 2014</p> <p>The City of Shawnee documents enforcement information about privately owned BMPs. No enforcement measures were necessary for 2014.</p>

<p>2 (Provided by City of Shawnee)</p>	<p>Annual Program Review: Assess applicability of BMPs for MCM5 in SMP</p>	<p>Review and revise as necessary</p>	<p>BMPs Reviewed No revisions required</p>
--	---	---------------------------------------	--

6. Municipal Pollution Prevention/Housekeeping.

Place a check mar in the appropriate box.

- | | | Yes | No |
|----|--|-------------------------------------|-------------------------------------|
| 1. | The permit requires the permittee to enact a program to address Pollution Prevention/Good Housekeeping for Municipal Operations. | | |
| 2. | Has an operation & maintenance program to reduce Pollutant runoff and an audits /inspection program been adopted? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. | Has a municipal employee training program been established? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. | Are oil, hazardous wastes, chemicals and municipal debris properly deposited? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. | Are snow and ice removal material and chemicals properly managed to prevent runoff? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. | Are municipal streets swept on a regular basis? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7. | Are municipal stormwater inlets and drains inspected and cleaned? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8. | Do municipal snow piles have controlled drainage to prevent runoff pollution? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

List all the Municipal Pollution Prevention/Housekeeping BMPs as identified in the SMP and provide the requested information in the table on the following pages.

6. Municipal Pollution Prevention/Housekeeping Table

BMP ID Number	Brief BMP Description	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)
<p>1 (Provided by City of Shawnee)</p>	<p>Reduce Pollutant Runoff From Municipal Operations: Required elements of this program include.</p> <p>a) STORMWATER MANAGEMENT AUDITS: Periodically audit community-owned facility(s) and/or community operations that may potentially impact surface water through the MS4.</p> <p>b) STORMWATER POLLUTION PREVENTION PLANS: Develop SWPPP(s) for facility(s) and/or operation(s).</p>	<p>Facility Name/Operation Date of last audit</p> <p>SWPPP(s) completed and on file</p>	<p>We are systematically revising each City Facility SWPPP and performing annual audits at that time. Otherwise, they are inspected as needed.</p> <p>Yes</p>
<p>2 (Provided by MARC, JCSMP, and City of Shawnee)</p>	<p>Municipal Employee Training: Implement training program for employees and document training.</p> <p>a) STORMWATER WEBINARS: Hosted by MARC. Various stormwater topics for municipal staff.</p> <p>b) STORMWATER TRAINING VIDEOS: The video Rain Check is available through the JCSMP. The video focuses on reducing stormwater pollution from municipal facilities and activities. A quiz and employee training tracking form is provided along with the video.</p> <p>c) The City of Shawnee provided several opportunities in which training was offered through in-house webinars and attending outside training.</p>	<p>Number of webinars City Staff Attended</p> <p>Number of city attendees</p> <p>Number of city attendees</p>	<p>6 Webinars City Staff attended</p> <p>26 City Staff viewed this training</p> <p>89 man-hours of City Staff was dedicated to water quality training opportunities</p>
<p>3</p>	<p>Annual Program Review: Assess applicability of BMPs for MCM6 in SMP</p>	<p>Review and revise as necessary</p>	<p>BMPs Reviewed No revisions required</p>

F. Recordkeeping and Reporting

Attach a report which addresses the following subjects:

1. A general assessment of the appropriateness of the various BMPs included for each of the major program elements as follows:
 - a. TMDL regulated pollutants (Appendix A contains TMDL Report Forms)
 - b. Public Education and Outreach
 - c. Public Involvement and Participation
 - d. Illicit Discharge Detection and Elimination
 - e. Construction Site Stormwater Runoff Control
 - f. Post-Construction Site Stormwater Management in New Development and Redevelopment
 - g. Pollution Prevention/Good Housekeeping for Municipal Operations

Issues which may be addressed include:

- a. Are the BMPs appropriate for local population?
 - b. Are the BMPs appropriate for the pollution sources?
 - c. Are there specific concerns related to the local receiving waters that may justify a change in BMPs?
2. An assessment of the effectiveness of the BMPs towards achieving the statutory goal of reducing the discharge of pollutants to the Maximum Extent Practicable (MEP).
 3. Provide a summary of results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the SMP.
 4. Provide a summary of the planned changes in stormwater activities which are scheduled to be undertaken during the next annual reporting cycle. This should address the implementation of new BMPs and/or the deletion of BMPs and include a projected schedule for the month or quarter when the BMP will be either implemented or discontinued. Please note a revised SMP document should be submitted for KDHE review if BMPs are revised.
 5. Provide a list of other municipalities/contractors, if any, which will be responsible for implementing any of the program areas of the SMP.

The various documents which are required to be included in the annual report may be attached as appendices with this Annual Report document. The permit requires various monitoring results be reported. The additional Water Monitoring Results documents found in Appendices A and B include report forms to be used for this Annual Report. Appendix A is to be used by both Phase I and Phase II MS4s. Appendix B is to be used by Phase I MS4s. Additional copies of the forms may be generated as necessary to provide reports of all results. Include the annual report file along with all appendices and other required documents on the CD submission of the Annual Report. The permit establishes several reporting requirements, please review "PART V REPORTING" within the permit and ensure the various items which must be reported with the annual report are included with the report. Updated Stormwater Management Program documents, i.e., the plan or SMP, must be submitted with the Annual Report.