

KANSAS STORMWATER 2016 ANNUAL REPORT FORM FOR MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4s)

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

[
] Permittee Information

Permittee (Agency Name) Mailing Address 1: #1 E Douglas Ave.

Mailing Address 2: _____

City: Eastborough _____

State: Kansas _____

Zip Code: 67206 _____

MS4 Program Contact Person: Stacy G. Moore _____

Contact E-Mail Address: stacy.moore@eastborough-ks.gov _____

Contact Phone Number: (316) 682-4111 _____

Construction Issues Contact Person: Stacy G. Moore _____

Contact E-Mail Address: _____

Contact Phone Number: _____

Kansas Permit Number: M-AR31-SU01 _____

(Example) M – MC21 - SU01

Reporting Period covers activities from January 1, 2016 through December 31, 2016.

This annual report must be submitted to the Kansas Department of Health and Environment (KDHE) by February 28, 2017. 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. **In addition**, provide the current copy of the Stormwater Management Program (SMP) Document as a word or PDF file on the CD.

B. Executive Summary & Compliance

STATUS OF COMPLIANCE

City of Eastborough has in good faith met all requirements as prescribed by our Kansas Water Pollution Control General Municipal Separate Storm Sewer System (MS4) Permit No. M-AR31-SU01 for the calendar year 2016. We will strive to progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP.

EXECUTIVE SUMMARY

City of Eastborough is a unique community; it is surrounded on all sides by, the largest city in the State of Kansas, Wichita. City of Eastborough has no businesses and no commercial real estate. City of Eastborough is made up of entirely single-family homes with three paid city staff. City of Wichita has a Storm Water Utility budget in excess of 10.8 Million Dollars and 39 full-time employees to monitor and comply with permit M-AR94-S001. In an effort to create the most value for the taxpayer, City of Eastborough should leverage many of City of Wichita's tools to increase the efficacy of our program and reduce the shadow of bureaucracy. Our BMPs are continuing in a development stage and are currently being shaped by public education, outreach, involvement, and participation. We are now enforcing additional regulations associated with Pollution Prevention/Good Housekeeping for Municipal Operations and Illicit Discharge Detection and Elimination.

1. Were there any aspects of the program that appeared especially effective at reducing pollutants in your stormwater discharge?

- We are a small town with large yards and no commercial runoff. Following this year we will have established a baseline of pollutants to judge our actual BMP performance.

2. Were there any aspects of the program that provided unsatisfactory results?

- No

3. What was the most successful part of the program?

- Unknown due to lack of data collection.

4. What was the most challenging aspect of the program?

- Regulatory compliance.

5. Describe any City/County area MS4 clean-ups and the participation.

- Annual cleanup for paint and other pollutants available for all members of community. Provided by Waste Connections, City of Eastborough and Sedgwick County.

6. Describe the elected officials' participation in the stormwater pollution elimination.

- Discussed at every monthly meeting. Compliance with permit is focus.

- Community meeting hosted by City Councilman Moore to address any concerns and requests.

7. Describe the collaboration with other organizations to eliminate stormwater pollution.

- We leverage City of Wichita's efforts through their Stormwater Utility budget. Our utility (water) bills pay for this budget item in part. The City of Wichita's budget is in excess of 10.8 Million Dollars and they have 39 full-time employees. Some community outreach BMP's associated with their compliance with permit M-AR94-S001 assists us indirectly in our compliance.

8. If an audit/inspection of your MS4 program was conducted by EPA or KDHE during the year, list the items the audit/inspection report identified as required changes and provide a narrative explanation of how the changes were implemented or explain the plan to implement the changes and identify a target date for final implementation.

- No audit was accomplished.

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 approval?	<input checked="" type="checkbox"/>	<input 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 approval. 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 type="checkbox"/>	<input checked="" 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)
NONE.	N/A	N/A	N/A	N/A

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. (List presentations & media)

BMP ID Number	Brief BMP Description	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)
<u>1A</u>	<p><u>Television Video Messaging:</u></p> <p>Video messages and graphics are placed on City of Wichita's Cable Channel 7. This activity will take the form of periodic repeating video presentations or graphics informing citizens of the importance of preventing stormwater pollution and individual actions citizens can take to reduce their impact on stormwater pollutants.</p>	<p>A repeating video or graphic designed to inform the public on stormwater pollution prevention will be run at least twice per year on the City's Cable Channel 7, and continue for the Permit duration.</p> <p><i>(City of Wichita)</i></p>	<p>City of Wichita Program.</p>

1. Public Education and Outreach (Table) (Continued)


List all of the public education and outreach BMPs as identified in the SMP and provide the requested information in the following table. (List presentations & media)

BMP ID Number	Brief BMP Description	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)
<u>1B</u>	<p><u>Website :</u> City of Eastborough will continue to place educational items on the website eastborough-ks.gov which additionally includes a link to wichita.gov.</p>	<p>Operational website, accessible by both the public and city staff, that includes educational materials from KDHE, EPA, City of Wichita, and City of Eastborough.</p>	<p>Website effective 365 days last year. No know outages or unavailability. Website is operational and accessible by both the public and city staff. It includes educational materials from KDHE, EPA, City of Wichita, and City of Eastborough.</p>
<u>1C</u>	<p><u>Annual KDHE Report:</u> Annually, each BMP and corresponding goal, provided for in the SMP, will be evaluated and progress and/or actions shall be reported in the Annual Report required by the KDHE MS4 permit. This will be posted on the website for public comment and consumption.</p>	<p>An Annual Report will be submitted by February 28 of the following calendar year as prescribed by the KDHE MS4 permit.</p>	<p>City of Eastborough's 2014 Annual Report was submitted to KDHE on 1 Feb 2015 as prescribed. Report will be subsequently posted on the City of Eastborough Website. 2016 report is completed and will be posted.</p>

2. Public Involvement and Participation (Table) (continued)

List all of the public involvement and participation BMPs as identified in the SMP and provide the requested information in the following table. (List all associations & partnerships)

BMP ID Number	Brief BMP Description	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)
<u>2A</u>	<p><u>Website:</u></p> <p>Recommendations and changes to the City of Eastborough SMP will be solicited through the City of Eastborough website. Citizens are able to submit questions, comments and input directly to the Council member assigned to maintaining compliance with the City's MS4 Permit. The website has phone and email contacts available.</p>	<p>A website that is operational and accessible by both the public and city staff. With appropriate and easy to use contact information.</p>	<p>Website effective 365 days last year. No know outages or unavailability. Website is operational and accessible by both the public and city staff. Contact information is posted primarily via email: mailto:stormwater@eastborough-ks.gov; however, phone numbers are available for all Council Members and City Staff.</p>
<u>2B*</u>	<p><u>Public Solicitation of Comments on BMPs and Goals associated with the SMP:</u></p> <p>City of Eastborough will solicit public comment and participation regarding BMPs and measurable goals used to comply with City of Eastborough MS4 Permit.</p>	<p>City of Eastborough will solicit public comment and participation in BMPs and measurable goals used to comply with the City of Eastborough MS4 permit. It will comply with State and Local publishing requirements.</p>	<p>City of Eastborough published a notice for public comment for participation. The meeting was held on 17 January 2017. Residents did attend. Notice was sent via email to all residents. The notice was published in compliance with State and Local publishing requirements.</p>

	<p><u>Annual Cleanup:</u></p> <p>City of Eastborough, through the citizenry, will accomplish a local cleanup with Waste Connections of Wichita, KS. Information will be provided showing proper disposal of any paints, solvents, and other hazardous items. Disposed of through Sedgwick County.</p>	<p>Accomplish annual cleanup with Waste Connections open to all citizens to participate in and advertised on all forms of media available to City of Eastborough.</p>	<p>Accomplished May 2016.</p>
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- * - *Community meeting held specifically in response to KDHE comments and concerns following 2015 Annual Report regarding Public Involvement and Participation.*
- * - *2C BMP added specifically in response to KDHE comments and concerns following 2015 Annual Report regarding Public Involvement and Participation.*

2. Illicit Discharge Detection and Elimination

Place a check mark in the appropriate box.

Explain each item below in following table.

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?
- 2. Has a map of the MS4 been developed, showing the location of all outfalls, either pipes or open channel drainage, showing names and location of all streams or lakes receiving discharges from the outfalls?
- 3. The permit requires the permittee enact ordinances Resolutions or regulations. Has an ordinances, resolutions or regulations to prohibit non-stormwater discharges into the storm system been enacted?

Effective Date: 5 May 2015

Has the ordinance, resolution or regulation been modified?

Effective Date: N/A

- 4. Has the ordinance, resolution or regulation and/or modification been submitted to KDHE for approval?
- 5. Have public employees, business, and the general public been informed of the hazards associated with illegal discharges and improper disposal of waste?
- 6. Are stormwater inlets & detention ponds inspected for illicit discharges and debris?
- 7. Are restaurant waste grease areas inspected?
- 8. Are septic systems inspected?
- 9. Are debris, yard waste and dead animals removed from the streets when noticed by employees or reported?
- 10. Is there a yard waste management program?
- 11. Are snow removal activities inspected?

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)
<u>3A</u>	<p><u>Stormwater Map:</u></p> <p>Develop a stormwater system map of the permittee's MS4, showing the location of all outfalls, either pipes or open channel drainage, showing the names and location of all streams or lakes that receive discharges from those outfalls. A copy of the map shall be submitted to KDHE.</p>	<p>A complete GIS stormwater system map has been completed, and will be maintained, and updated throughout the year. KDHE has a copy.</p>	<p>Map has been completed and has been submitted to KDHE.</p>
<u>3B</u>	<p><u>Hazardous Waste Disposal:</u></p> <p>Inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste.</p>	<p>A free, regional Household Hazardous Waste disposal site will be maintained for all residents to use. Additionally, an informational HHW video will be aired at least 6 times on the City's Cable Channel 7. <i>(City of Wichita)</i></p>	<p>City of Wichita Program.</p>

<p><u>3C</u></p>	<p><u>Ordinances and Enforcement:</u> Enact ordinances or resolutions to prohibit non-stormwater discharges into the stormwater system and implement appropriate enforcement procedures and actions. A copy of the ordinances or resolutions shall be submitted to KDHE.</p>	<p>Enact then update ordinance to regulate non-stormwater discharges in the stormwater system. Submit as required to KDHE.</p>	<p>Ordinance enacted 5 May 2015.</p>
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4. Construction Site Stormwater Runoff Control

Explain each item below in following table.	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? Effective Date: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Has a copy of the ordinance, resolution or regulation been submitted to KDHE as required by the permit?	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	
5. Has a procedure been developed and implemented requiring site plan review of erosion control and debris container locations incorporating consideration of potential water quality impacts?	<input type="checkbox"/>	<input type="checkbox"/>	
6. After review, is a construction site permit issued?	<input type="checkbox"/>	<input type="checkbox"/>	
7. Has a procedure been developed for the receipt and consideration of information submitted by the public?	<input type="checkbox"/>	<input type="checkbox"/>	
8. Has a procedure been developed and implemented for construction site inspection and enforcement of the control measures?	<input type="checkbox"/>	<input type="checkbox"/>	
9. Are construction site inspection and enforcement actions successful?	<input type="checkbox"/>	<input type="checkbox"/>	
10. Are site owners and/or operators provided instruction On proper construction site erosion and waste control?	<input 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.			

4. Construction Site Stormwater Runoff Control (Table)

BMP ID Number	Brief BMP Description	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)
NONE	NOT REQUIRED UNTIL JAN 2018	N/A	N/A

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

Place a check mark in the appropriate box.

Explain each item below in following table.

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. Has 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)
NONE	NOT REQUIRED UNTIL JAN 2018	N/A	N/A

6. Municipal Pollution Prevention/Housekeeping.

Place a check mark in the appropriate box.

Explain each item below in following table.

	Yes	No
1. The permit requires the permittee to enact a program to address Pollution Prevention/Good Housekeeping for Municipal Operations.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Has an operation & maintenance program to reduce Pollutant runoff and an audits /inspection program been adopted?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Has a municipal employee training program been established?	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input 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. Are municipal snow piles controlled drainage to prevent runoff pollution?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

7. PHASE I OPERATORS ONLY - Monitoring Industrial and High Risk Run-off

Place a check mark in the appropriate box.

	Yes	No
1. Has the permittee developed and maintained a list of the municipal industrial facilities contributing to the pollutant loading to the municipal storm sewer system?	<input type="checkbox"/>	<input type="checkbox"/>
2. Has at least two municipal industrial facilities on the list had inspection and sampling conducted?	<input type="checkbox"/>	<input type="checkbox"/>

If the answer to items 1 and 2 is "No" provide a statement on the Phase I operator form Appendix B as to why monitoring and control has not occurred.

Complete Monitoring form in Appendix B.

6. Municipal Pollution Prevention/Housekeeping Table

BMP ID Number	Brief BMP Description	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)
<u>6A</u>	<p><u>Street Sweeping:</u></p> <p>City will conduct street sweeping program to reduce pollutant loadings to the storm sewer.</p>	<p>Quarterly sweeping of all city streets will be accomplished.</p>	<p>Quarterly Accomplished.</p>
<u>6B</u>	<p><u>Annual Stormwater Inlet Check:</u></p> <p>Ensure stormwater inlets and drains inspected and cleaned on an annual basis.</p>	<p>Annually check of all stormwater inlets and drains will be accomplished.</p>	<p>Complied with.</p>

F. Recordkeeping and Reporting

ASSESSMENT OF APPROPRIATENESS OF BMPS

City of Eastborough is a unique community; it is surrounded on all sides by, the largest city in the State of Kansas, Wichita. City of Eastborough has no businesses and no commercial real estate. City of Eastborough is made up of entirely single-family homes with three paid city staff. City of Wichita has a Storm Water Utility budget in excess of 10.8 Million Dollars and 39 full-time employees to monitor and comply with permit M-AR94-S001. In an effort to create the most value for the taxpayer, City of Eastborough should leverage many of City of Wichita's tools to increase the efficacy of our program and reduce the shadow of bureaucracy. This will be a theme as we progress through the permitting process. I believe the efforts we have applied to our BMPs are achieving the statutory goal of reducing the discharge of pollutants to the Maximum Extent Practicable (MEP).

DATA ANALYSIS

Under the City of Eastborough Permit, Water Sampling and data analysis will begin by 1 January 2017 under BMP (3) Illicit Discharge Detection and Elimination.

STORM WATER ACTIVITIES FOR CALENDAR YEAR 2017

City of Eastborough's BMPs 1-3 and 6 will continue to function in 2017 and will continue throughout the duration of the permit. BMP 4 & 5 will begin as required by the permit and will continue for the duration of the permit. For additional information about the status of each BMP, see the 2016 Annual Report.

UPDATED ORDINANCES OR RESOLUTIONS ASSOCIATED WITH THE SMP

City of Eastborough has passed a resolution in May 2015 in anticipation of compliance with CY16 BMP's 3&6. These were addressed and enforcement mechanisms were in place during CY16 as required by the KDHE MS4 Permit.

OTHER PARTIES RESPONSIBLE FOR IMPLEMENTING PROGRAM AREAS

2. Stormwater map is created and monitored by MKEC of Wichita, KS.
3. Water samples, when collected, will be analyzed by A&E Laboratories in Wichita, KS.
4. Our residents view City of Wichita education and outreach in a similar manner to residents of Wichita, KS. Eastborough residents help fund the program. Each resident pays approximately \$24/year to the City of Wichita for this program enforced through a mechanism on each City of Wichita Water payments.

G. 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 of Permittee: _____ Date Signed: _____
(Legally responsible person)

Name (printed): Stacy G. Moore Title: Councilman, City of Eastborough

40 CFR 122.22 Signatories to permit applications and reports.

(a) Application. All permit applications shall be signed by either a principal executive officer or ranking elected official.

All reports required by permits, and other information requested by the Director shall be signed by a person described in paragraph (a) of this section, or by a duly authorized representative of that person.
Submit this report to:

KANSAS DEPARTMENT OF HEALTH & ENVIRONMENT

Municipal Programs Section
1000 SW Jackson Street, Suite 420
Topeka, Kansas 66612-1367