



December 28, 2018

CERTIFIED MAIL – 7016 1370 0001 7662 6380
RETURN RECEIPT REQUESTED

Texas Commission on Environmental Quality
Team Leader
Stormwater & Pretreatment Team; MC-148
P.O. Box 13087
Austin, Texas 78711-3087

Re: Phase II MS4 Annual Report Transmittal for the City of Kyle MS4
TPDES Permit Authorization: TXR040490

Dear Team Leader:

This letter serves to transmit the City of Kyle's Permit Year 4 Annual Report for the Texas Pollutant Discharge Elimination System Small Municipal Separate Storm Sewer System General Permit, Authorization Number TXR040490 for the City of Kyle MS4.

The annual report is for Year 4. The reporting period's beginning 10/01/2017 and ending 09/30/2018.

A separate Notice of Change has been submitted based on the fact that changes have been proposed for the next permit year.

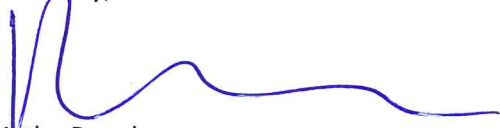
The Notice of Change was submitted to TCEQ's Applications Review and Processing Team (MC-148) by:

BY REGULAR U.S. MAIL:
Texas Commission on Environmental Quality
Applications Review and Processing (ARP) Team (MC-148)
P.O. Box 13087
Austin, Texas 78711-3087

As required by the general permit, a copy of the report has been mailed to the TCEQ's Austin Region Office (R11) in Austin, Texas.

If you or members of your staff have any questions, please feel free to contact Kathy Roecker, Stormwater Management Plan Administrator, at (512) 618-8296.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Kathy Roecker', with a long, sweeping horizontal line extending to the right.

Kathy Roecker
Stormwater Management Plan Administrator

Cc: Shawn Stewart, Water Section Manager, TCEQ Austin Region Office (R11), P.O. Box 13087, Austin, Texas 78711-3087
Certified Mail – 7016 1370 0001 7662 6403

Enclosure: Permit Year 4; Phase II (Small) MS4 Annual Report TCEQ-20561
NOC Explanation of Changes

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040490

Reporting Year (year will be either 1, 2, 3, 4, or 5): 4

Annual Reporting Year Option Selected by MS4:

Calendar Year: _____

Permit Year: _____

Fiscal Year: FY18 Last day of fiscal year: 09/30/2018

Reporting period beginning date: 10/01/2017

Reporting period end date: 09/30/2018

MS4 Operator Level: 2 Name of MS4: City of Kyle

Contact Name: Kathy Roecker Telephone Number: (512) 618-8296

Mailing Address: 100 W. Center St, Kyle, TX 78640

E-mail Address: kroecker@cityofkyle.com

A copy of the annual report was submitted to the TCEQ Region YES X NO ___

Region the annual report was submitted – Austin - R11

B. Status of Compliance with the MS4 GP and SWMP

1. Provide information on the status of complying with permit conditions:
(TXR040000 Part IV Section B.2.):

	Yes	No	Explain
Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.		✓	A separate NOC has been submitted to update the City of Kyle's BMP activities and schedules of implementation.
Permittee is currently in compliance with recordkeeping and reporting requirements.	✓		The City of Kyle is in compliance with record keeping & reporting.

Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.)	✓	The City of Kyle meets eligibility requirements of the MS4 GP.
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2. Provide a general assessment of the appropriateness of the selected BMPs. You may use the table below (**See Example 1 in instructions**):

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
1	Construct Stormwater Management Page on City Website	Yes. Most people use the internet to get relevant information so having a website for stormwater education and outreach is important.
1	Stormwater Outreach	Yes. Conducting stormwater outreach is vital to the program. Most people confuse stormwater programs with drainage/flooding issues; and while the two can go hand-in-hand, educating the public of MS4 program requirements is important so citizens know how their actions can affect water quality.
1	Utility Bill Insert	Yes. Utility bills are an effective way to provide stormwater outreach and education to residents and businesses within an MS4.
1	Storm Drain Stenciling or Markers	Yes. Ensuring all storm drains are marked with a reminder that the water entering a storm drain leads to a creek brings awareness to the program, helping protect our waterways.
1	General Education of City Employees	Yes. Educating city staff brings awareness to the program which increases the likelihood of issues being identified and reported to the appropriate staff.
1	General Education of Elected and Appointed Officials	Yes. Educating elected and appointed officials is beneficial to stormwater programs because decision-makers need to be aware of MS4 program specifics, providing support and funding to the programs.
1	City Inspector/Public Works Inspector Education and Training	Yes. Having educated inspectors, not only of the City's SWMP but of the MS4 General Permit, is vital in properly enforcing MS4 Program requirements.
1	Developer/Builder/Engineer Education and Training	Yes. Educating the regulated community within an MS4 helps set expectations up-front ensures builders and developers are aware of more stringent local requirements.
1	Classroom Outreach	Yes. Conducting outreach to school aged children is beneficial by opening communication and awareness on the importance of protecting our waterways.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
1	Comply with State and Local Public Notice Requirements	Not directly. Getting the public engaged in stormwater issues and conversations brings attention to the importance of stormwater/water quality protection.
1	Public Meetings	Yes. Public meetings allow the public to become part of the solution to a successful stormwater program.
1	Stormwater Hotline	Yes. Having a publicized/dedicated telephone number allows an easy way for citizens to report issues.
1	Bulk Waste Cleanup Education	Yes. Educating residents on bulk waste pickup options encourages the proper disposal of large trash items keeping them out of our waterways.
1	Household Hazardous Waste Collection	Yes. Educating the public of a free way to dispose of household chemicals is effective in keeping those chemicals from being poured down the drain or dumped illegally, potentially ending up in waterways.
1	Park Cleanup	Yes. Park cleanups are a fun and easy way to get citizens involved in protecting our waterways.
1	Plum Creek Cleanup	Yes. Creek cleanups are a fun and easy way to get citizens involved in protecting our waterways.
1	Pet Waste	Yes. Plum Creek is impaired for bacteria so educating the public of the importance of picking up their pet's waste, while providing pet waste stations, is essential to helping reduce bacteria levels in Plum Creek and its tributaries.
2	Create Stormwater Map	Yes. Mapping the storm drain infrastructure is important for an MS4 when monitoring and detecting unauthorized/illicit discharges.
2	Illicit Discharge Ordinance	Yes. Having an enforceable ordinance is imperative in ceasing illicit discharges and keeping pollutants out of our waterways.
2	Illicit Discharge Inspections	Yes. Conducting outfall inspections is the best way to detect illicit discharges.
2	Sanitary Sewer Line Maintenance and Inspection	Yes. Conducting preventative maintenance of sanitary sewer lines is the easiest, most cost-effective way of ensuring sewer overflows are reduced and/or eliminated.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
3	Construction Site Stormwater Runoff and Erosion Control Ordinance	Yes. Having an enforceable ordinance is imperative in reducing construction site discharges.
3	Review/Implement Site Plan Review Procedures	Yes. Conducting site plan reviews ensure construction activities comply with state, federal and local stormwater requirements.
3	Review/Implement Construction Inspection Procedures	Yes. Conducting construction inspections ensures BMPs are being maintained in good operating condition, reducing construction related discharges from construction sites.
4	Post Construction Stormwater Runoff Control Ordinance	Yes. Having an enforceable ordinance ensures developers are designing and maintaining permanent stormwater BMPs.
4	Develop and Implement Post Construction Structural and Non-Structural BMPs	Yes. Ensuring BMPs are designed and properly maintained greatly reduces pollutants from entering our waterways.
4	Stormwater Sampling	Possibly. Stormwater sampling does not reduce the discharge of pollutants in our waterways but helps identify changes in water quality and can assist in identifying problem areas that may need further attention.
4	Land Use Plan	Yes. Proper land use planning can have a direct effect on reducing pollutants from entering our waterways.
5	Municipal Operations and Industrial Activity Operations and Maintenance Program	Yes. Overseeing the use and storage of chemicals, products and by-products is critical to ensuring chemicals used by city employees do not end up in the City's storm drain system and waterways.
5	Develop and Implement Training Program for City Employees to Minimize Runoff Caused by Municipal Operations	Yes. Training city employees how to properly use and store chemicals is important, not only to protect city employees, but to protect our waterways as well.
5	Chemical Applications and Materials Management	Yes. Over application of pesticides and herbicides can lead to harmful pollutants entering waterways.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
5	Storm Sewer System Maintenance	Yes. Routine maintenance of storm drain systems helps reduce a buildup of sediment and pollutants that can end up in receiving streams.
5	Street Sweeping	Yes. Street sweeping reduces sediment and debris that could otherwise make its way into nearby waterways.
5	Structural Control Maintenance	Yes. Inspecting structural stormwater BMPs ensures the BMPs are being maintained and operate as originally designed.
5	Spill Response	Yes. Education of spill response and spill cleanup is important by ensuring spills are contained, mitigated and disposed properly.
5	Disposal of Collected Storm Sewer System Waste	Yes. Proper disposal of waste removed from the storm drain system ensures the waste will not end up back in the storm drain system or our waterways.

3. Describe progress towards reducing the discharge of pollutants to the maximum extent practicable. Summarize any information used (such as visual observation, amount of materials removed or prevented from entering the MS4, or if required monitoring data, etc.) to evaluate reductions in the discharge of pollutants. You may use the table (**See Example 2 in instructions**):

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
1	1	Updated Stormwater website	2	Updates	Possibly; having a website provides easily accessible information to the public on how to reduce pollutants in stormwater runoff.
1	2	Stormwater outreach	~150	Brochures	Possibly; City staff handed out stormwater related brochures at the City's booth during the Hays County Preparedness Fair in September 2018.
1	3	Utility Bill Inserts	8	Newsletters	Possibly; the City included eight messages in monthly utility bill inserts.
1	4	Storm Drain Markers	96	Markers	Possibly; the City identified and labeled 96 storm drain inlets throughout Kyle. Site developers of new and redevelopment

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
					projects are required to mark storm drains utilizing the City's markers.
1	5	Public Works Training	1	Meeting	Possibly; educating other city departments on stormwater issues raises awareness of the program, including when and to whom to report potential issues.
1	6	Stormwater Training	1	Training	Possibly; all City Council and the Mayor were invited to the 1 st Annual Texas Regional Stormwater Conference held on January 18, 2018 in San Marcos, Texas. This training was hosted by the Central Texas Stormwater Coalition which includes the cities of Kyle, San Marcos, New Braunfels and Texas State University.
1	7	Stormwater Training	1	Trainings	Yes; City of Kyle staff was trained during the 1 st Annual Texas Regional Stormwater Conference held on January 18, 2018 in San Marcos, Texas.
1	8	Preconstruction Meetings	15	Meetings	Yes; builders and developers are being educated of Kyle's Stormwater Ordinance and requirements during pre-con meetings.
1	9	School Outreach	~300	Children	Possibly; Kyle's Engineering Department participated in Hemphill Elementary School's Career Day on April 17, 2018 which included grades 2 nd -5 th .
1	10	Public Notices	0	Notices	No; the City was not required to post any public notices during Permit Year 4. The City follows public notice posting requirements as applicable.
1	11	Public Meetings	0	Meetings	Possibly; during each City Council Meeting, citizens are encouraged to provide input during the meeting's public comments section. The City did not hold a stormwater related public meeting during Permit Year 4. This requirement is once during the permit term.
1	12	Hotline Calls	0	Calls	Yes; the City did not received any hotline calls during this reporting period.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
1	13	Bulk Waste	13	Weekly e-Newsletters	Possibly; 13 waste disposal education newsletters were sent to citizens.
			1	Cleanup	The City held a city-wide cleanup offering free bulk waste disposal for residents on May 12, 2018. As a result, the City filled 15-40 yard roll-offs of waste disposed at TDS Landfill and 4-40 yard roll-offs of recycling that were sent to Green Guy.
			1200	Trees	The City provided four Christmas tree drop-off locations in January 2018. Approximately 1,200 trees were collected from Kyle residents.
1	14	Website	Unknown	Views	Possibly; HHW news and information is on the City's website located at: https://www.cityofkyle.com/communications/household-hazardous-waste-collection-open-kyle-residents
			Unknown	Video views	The City of Kyle created a video that runs on KYLE Channel 10 Spectrum Cable channel that highlights the Hays County HHW facility.
1	15	Park Cleanup	52,200	Pounds	Yes; the City removed 52,200 lbs. of trash from city parks and public grounds.
1	16	Creek Cleanup	2	Cleanups	Yes; the City's Annual Heart of Texas Tournament (HOTT) was held on August 25 & 26, 2018 at the Steeplechase Park Disc Golf Course. The disc golf course lies entirely within the Plum Creek Watershed. As part of the event, the sponsors include a creek cleanup removing trash and debris within the watershed. This disc golf tournament is a Central Texas Professional and Amateur event drawing participants and spectators from all around the country. The City partnered with the City of San Marcos and Texas State University on March 3, 2018 for the Great Texas River Clean-up. The City of Kyle portion removed 16,500 lbs of trash;

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
					3350 lbs of metal recycling, 80 lbs of non-metal recyclables; 4 tires with ~84 volunteers.
1	17	Outreach	5	Pet Waste Stations	Possibly; the City installed 5 new pet waste stations in the city.
2	18	Stormwater Map	As Needed	Map Update	No; but having an updated stormwater infrastructure map is imperative to the program. The City's stormwater drainage map is updated as new sites and subdivisions are completed in Kyle. The map is continually updated throughout the year by the City's full-time GIS Coordinator.
2	19	Ordinance	0	Update	Yes; enforcing stormwater regulations ensures the success of the program. No updates to the ordinance were required during this reporting period.
2	20	Illicit Discharge Complaints	1	Inspection	Yes; the City inspected illicit discharges on a complaint basis.
2	21	Sewer Maintenance	Varied	Varied	Yes; the City conducted: 21,922 linear ft. – CCTV 18,184 linear ft. – WW Line Jetting 572 – Manhole Inspections
3	22	Construction Ordinance	0	Update	Yes; but no updates to the ordinance were required during this reporting period.
3	23	Plan Reviews	45	Reviews	Yes; the City completed 45 Site Plan reviews (plans reviewed during this reporting period) which include a review of post-construction stormwater BMPs.
3	24	Construction Inspections	5	Inspections	Yes; inspections were conducted on a complaint basis.
4	25	Post Construction Ordinance	0	Update	Yes; enforcing stormwater regulations ensures the success of the program. No updates to the ordinance were required during this reporting period.
4	26	Post-Construction BMPs	45	Reviews	Yes; the City is in the process of developing an Engineering Design Manual that covers City specific Post-Construction BMPs. Currently, the City uses the City of Austin Drainage Criteria Manual.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
4	27	Bacteria	0	Sampling Events	Yes; the City of Kyle had an estimate completed for the two autosamplers that have been inoperable for years. Due to budget constraints, it is not feasible to replace the autosamplers at this time. GBRA currently samples locations along Plum Creek monthly with the results being posted online. The city's sampling plan requires grab sampling when an unknown illicit discharge is observed or if sampling is warranted as part of an inspection.
4	28	Land Use Planning	1	Plan	Yes; with the completion of the first Drainage Master Plan, the city will evaluate recommendations regarding land use planning by Halff Associates and incorporate changes once approved by City Council.
5	29	Municipal Operations	4	Inspections	Yes; four (4) inspections of city owned facilities were conducted during this reporting period.
5	30	Employee Training	1	Staff Mtg	Yes; City of Kyle staff was trained during the 1 st Annual Texas Regional Stormwater Conference held on January 18, 2018 in San Marcos, Texas.
5	31	Chemical Applications	2	Staff	Yes; the City has two employees that are licensed through the Texas Department of Agriculture. One maintains a Pesticide Application License and the other maintains a Certified Application License.
5	32	Storm Drainage Maintenance	1.5 4,149	Acres Linear Feet	Yes; the City's Drainage Crews cleaned and re-graded ~1.5 acres of open channels and regraded 4,149 linear feet of roadside ditches during this reporting period.
5	33	Street Sweeping	1,984	Miles	Yes; during this reporting period, the City swept 1,984 miles of city streets.
5	34	Structural Control Maintenance	1	Inspection	Yes; the City inspected structural control BMPs on a complaint basis. One inspection was conducted during this reporting period.
5	35	Spill Response	0	Reportable Spills	Yes; the City contracts with the Hays County Emergency Service District (ESD) #5 which responds to accidents and spills within the

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
					<p>Kyle and Hays County areas. During spill response situations, ESD #5 utilizes the Hays County Community Emergency Response Team (CERT) to ensure proper response and clean-up of spills. The ESD conducts internal training of their responders.</p> <p>ESD #5 responded to 8 spill calls; however, none of the spills were reportable quantity spills.</p>
5	36	Disposal of Waste	14,063.93	Tons	<p>Yes; the City's Parks and Recreation Department (PARD) removed 52,200 pounds of trash from City parks, public grounds and rights-of-way during this reporting period. Additionally, the City disposed of 10,133.05 tons of waste; 2,493.76 tons of recycling and 1,437.12 tons of compost during this reporting period at the TDS landfill, TCEQ MSW Permit No. 2123.</p>

4. Provide the measurable goals for each of the MCMs, and an evaluation of the success of the implementation of the measurable goals (**See Example 3 in instructions**):

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved If goal was not accomplished please explain
1	Construct Storm Water Management Page on City Website.	Met; the City's stormwater website was reviewed and updated during this reporting period.
1	Stormwater Outreach	Met; the City distributed waste disposal for bulk waste pickup, compost and household hazardous waste through utility bill inserts and weekly eNewsletters.
1	Utility Bill Insert	Met; eight (8) stormwater/waste disposal messages were included with city monthly utility bills.
1	Storm Drain Markers	Met; labeled 96 storm drain with markers. Site developers of new and redevelopment site are required to label storm drains with the city's markers. The City of Kyle had a storm

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved If goal was not accomplished please explain
		drain inlet cover designed that states "No Dumping Drains to Creek".
1	General Education of City Employees	Met; 30 City of Kyle staff attended the Texas Regional Stormwater Conference in January 2018.
1	General Education of Elected and Appointed Officials	Did not meet; all elected and appointed officials were invited to attend the Texas Regional Stormwater conference in January 2018. A NOC is being submitted amending this BMP.
1	City Inspector/Public Works Inspector Education and Training	Met; 30 City of Kyle staff attended the Texas Regional Stormwater Conference in January 2018.
1	Developer/Builder/Engineer Education and Training	Met; discussed stormwater requirements at fifteen (15) preconstruction meetings with site developers and builders.
1	Classroom Outreach	Met; Kyle's Engineering Department participated in Hemphill Elementary School's Career Day on April 17, 2018 which included grades 2 nd -5 th .
1	Comply with State and Local Public Notice Requirements	N/A; no public notices were required during this reporting period.
1	Public Meetings	N/A; no public meetings were required during this reporting period. Citizens Comment Period is conducted at every City Council meeting.
1	Stormwater Hotline	Met; the City uses the CAPCOGs 1-877-NO DUMPS hotline to report issues as well as an online complaint form.
1	Bulk Waste Cleanup Education	Met; the City issued 13 bulk waste education messages in the City's weekly e-Newsletter.
1	Household Hazardous Waste (HHW) Collection	<p>Met; HHW education for City residents can be found on the City's website located at https://www.cityofkyle.com/communications/household-hazardous-waste-collection-open-kyle-residents</p> <p>The City of Kyle created a video that runs on KYLE Channel 10 Spectrum Cable channel that highlights the Hays County HHW facility.</p>

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved If goal was not accomplished please explain
1	Park Cleanup	Met; the City's parks are manned full-time with dedicated staff which removed 52,200 pounds of trash/debris during this reporting period.
1	Plum Creek Cleanup	<p>Met; the Annual Heart of Texas Tournament (HOTT) was held on August 25 & 26, 2018 at the Steeplechase Park Disc Golf Course. The disc golf course lies entirely within the Plum Creek Watershed. As part of the event, the sponsors include a creek cleanup removing trash and debris within the watershed.</p> <p>The City partnered with the City of San Marcos and Texas State University on March 3, 2018 for the Great Texas River Clean-up. The City of Kyle portion removed 16,500 lbs of trash; 3350 lbs of metal recycling, 80 lbs of non-metal recyclables; 4 tires with ~84 volunteers.</p>
1	Pet Waste	Met; the City installed 5 new pet waste stations in the city.
2	Create Stormwater System Map	Met; the City maintains an up-to-date stormwater infrastructure map.
2	Illicit Discharge Ordinance	Met; this ordinance was last updated in May 2017.
2	Illicit Discharge Inspections	Met; one (1) illicit discharge inspection was conducted during this reporting period. The City is conducting inspections on a complaint basis.
2	Sanitary Sewer Line Maintenance and Inspection	Met; sanitary sewer line maintenance and inspections are completed by the City's Public Works Department. The City inspected 21,922 feet of line using camera; cleaned 18,184 feet of line by jetting and conducted 572 manhole inspections.
3	Construction Site Storm Water Runoff and Erosion Control Ordinance	Did not meet; a NOC is being submitted to change parts of this BMP. This ordinance was updated in May 2017.
3	Review/Implement Site Plan Review Procedures	Did not meet; A NOC is being submitted to update the implementation schedule of this BMP. The City completed 45 Site Plan reviews (plans reviewed during this reporting

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved If goal was not accomplished please explain
		period) which include a review of post-construction stormwater BMPs.
3	Review/Implement Construction Inspection Procedures	Did not meet; a NOC is being submitted to update the implementation schedule of this BMP. Five (5) construction site inspections were conducted during this reporting period. Inspections were being conducted on a complaint basis.
4	Post Construction Storm Water Runoff Control Ordinance	Met; this ordinance was last updated in May 2017.
4	Develop and Implement Post Construction Structural and Non-Structural BMPs	Met; the City currently uses the City of Austin Drainage Criteria Manual for structural and non-structural BMP requirements; however, the City is in the process of completing a City of Kyle Engineering Design Manual.
4	Stormwater Sampling	Met; the city's sampling plan only requires grab sampling when an unknown illicit discharge is observed or if sampling is warranted as part of an inspection.
4	Land Use Plan	Met; with the completion of the Drainage Master Plan, the city will evaluate recommendations regarding land use planning by Halff Associates and incorporate changes once approved by City Council.
5	Municipal Operations and Industrial Activity Operations and Maintenance Program	Met; the City conducted four (4) inspections on municipal facilities during this report period.
5	Develop and Implement Training Program for City Employees to Minimize Runoff Caused by Municipal Operations	Met; 30 City of Kyle staff was trained during the 1 st Annual Texas Regional Stormwater Conference held on January 18, 2018 in San Marcos, Texas.
5	Chemical Applications and Materials Management	Met; the City has two employees that are licensed through the Texas Department of Agriculture. One employee maintains a Pesticide Application License and the other maintains a Certified Application License.
5	Storm Sewer System Maintenance	Met; storm sewers are currently maintained by dedicated drainage crews.
5	Street Sweeping	Met; the City swept 1,984 miles of City streets during this reporting period.
5	Structural Control Maintenance	Met; the City's Drainage Crews cleaned and re-graded ~1.5 acres of open channels and regraded 4,149 linear feet of

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved If goal was not accomplished please explain
		roadside ditches during this reporting period. The City currently inspects structural control BMPs on a complaint basis.
5	Spill Response	Met; the City's Stormwater Management Plan Administrator attended OSHA 8 Hour Refresher in May 17, 2018. The City contracts with the Hays County Emergency Service District (ESD) #5 which responds to accidents and spills within the Kyle and Hays County areas. During spill response situations, ESD #5 utilizes the Hays County Community Emergency Response Team (CERT) to ensure proper response and clean-up of spills. The ESD conducts internal training of their responders.
5	Disposal of Collected Storm Sewer System Waste	Met; the City disposed of 10,133.05 tons of waste; 2,493.76 tons of recycling and 1,437.12 tons of compost during this reporting period at the TDS landfill, TCEQ MSW Permit No. 2123.

C. Stormwater Data Summary

Provide a summary of all information used including any lab results (if sampling was conducted) to assess the success of the SWMP at reducing the discharge of pollutants to the MEP. For example, did the MS4 conduct visual inspections, clean the inlets, look for illicit discharge, clean streets, look for flow during dry weather, etc.? (Refer to the MS4 General Permit TXR040000 Part IV Section B.2.(b))

D. Impaired Waterbodies

1. If applicable, explain below any activities taken to address the discharge to impaired waterbodies, including any sampling results and a summary of the small MS4's BMPs used to address the pollutant of concern: (Refer to MS4 General Permit TXR040000 Part IV Section B.2.(c))

The City helped fund a Bacterial Source Tracking (BST) study to identify the species of bacteria throughout Plum Creek. The results of that study identified wildlife as the major contributor of bacteria into Plum Creek.

2. Describe the implementation of targeted controls if the small MS4 discharges to an impaired water body with an approved TMDL (Refer to the MS4 General permit TXR040000; Part II Section D.4.(a)):

Plum Creek, Segment 1810, has an approved Watershed Protection Plan (WPP) which was the first WPP created and accepted in Texas.

3. Report the benchmark identified by the MS4 and assessment activities (Refer to the MS4 General permit TXR040000; Part II Section D.4.(a)(6)):

Currently, there is not a benchmark value assigned for Plum Creek except for wastewater treatment plant (WWTP) effluent which is 126 CFU Daily Average and 399 CFU Daily Max. The City's WWTP submits Discharge Monitoring Reports (DMRs) to the TCEQ as required.

Benchmark Parameter <i>(Ex: Total Suspended Solids)</i>	Benchmark Value	Description of additional sampling or other assessment activities	Year(s) conducted
N/A			

4. Provide an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark (Refer to the MS4 General permit TXR040000; Part II Section D.4.(a)(4)):

Benchmark Parameter	Selected BMP	Contribution to achieving Benchmark
Bacteria (<i>E. coli</i>)	#17-Pet Waste	Maintaining pet waste stations assists in reducing bacteria by providing proper disposal of pet waste that contributes to bacteria levels in runoff.
Bacteria (<i>E. coli</i>)	#21- Sewer Line Maintenance	Conducting sewer line maintenance reduces the likelihood of sanitary sewer overflows which contribute to bacteria entering our waterways.

5. If applicable, report on focused BMPs to address impairment for bacteria (Refer to the MS4 General Permit TXR040000; Part II Section D.4.(a)(5)):

Description of bacteria-focused BMP	Comments/Discussion
#17-Pet Waste	Maintaining pet waste stations assists in reducing bacteria by providing proper disposal of pet waste that contributes to bacteria levels in runoff.
#21- Sewer Line Maintenance	Conducting sewer line maintenance reduces the likelihood of sanitary sewer overflows which contribute to bacteria entering our waterways.

6. Assess the progress to determine BMP's effectiveness in achieving the benchmark (Refer to the MS4 General Permit TXR040000; Part II.D.4.(a)(6)):

For example, the MS4 may use the following benchmark indicators:

- number of sources identified or eliminated;
- decrease in number of illegal dumping;
- increase in illegal dumping reporting;
- number of educational opportunities conducted;
- reductions in sanitary sewer flows (SSOs)
- increase in illegal discharge detection through dry screening

Benchmark Indicator	Description/Comments
Bacteria	The City installed 5 new pet waste stations during this reporting period.
Bacteria	The City conducted: 21,922 ft. – Lines Inspected using CCTV 18,184 ft. – Lines Jetted 572 – Manhole Inspections

E. Stormwater Activities

Describe stormwater activities the MS4 operator plans to undertake during the next reporting year. You may use the table below (Refer to the MS4 General Permit TXR040000 Part IV Section B.2.(d)):

MCM(s)	BMP	Stormwater Activity	Description/Comments
	20, 24	BMPs related to inspections	A strong emphasis will be placed on inspections.

F. SWMP Modifications

- Changes have been made or are proposed to the SWMP since the NOI or the last annual report, including changes in response to TCEQ's review.

☒ Yes ☐ No

If 'Yes', report on changes made to measurable goals and BMPs (Refer to the MS4 General Permit TXR040000 Part IV Section B.2.(e)):

Multiple minor edits and several changes are being proposed in the NOC. An Explanation of Changes is included with the NOC as well as a document showing the redlined changes.

MCM(s)	Measurable Goal(s) or BMP(s)	Implemented or Proposed Changes (Submit NOC as needed)
		See attached NOC Explanation of Changes for description of proposed changes.

Note: If changes include additions or substitutions of BMPs, include a written analysis explaining why the original BMP is ineffective or not feasible and why the replacement BMP is expected to achieve the goals of the original BMP.

- Explain additional changes or proposed changes not previously mentioned (i.e. dates, contacts, procedures, annexation of land etc.):

G. Additional BMPs for TMDLs and I-Plans

Provide a description and schedule for implementation of additional BMPs that may be necessary, based on monitoring results, to ensure compliance with applicable TMDLs and implementation plans (Refer to the MS4 General permit TXR040000 Part IV Section B.2.(f)).

N/A

BMP	Description	Implementation Schedule (Start Date etc.)	Status / Completion Date (completed, in progress, not started)
N/A			

H. Additional Information

1. Is the permittee relying on another entity to satisfy some of its permit obligations? (refer to the MS4 General Permit TXR040000 Part IV Section B.2.(g))

☐ Yes ☒ No

If 'Yes,' provide the name(s) of other entities and an explanation of their responsibilities (add more spaces or pages if needed):

Name and Explanation:

- 2.a. Is the permittee part of a group sharing a SWMP with other entities?

☐ Yes ☒ No

- 2.b. If 'yes,' is this a system-wide annual report including information for all permittees?

☐ Yes ☐ No

If 'Yes,' list all associated authorization numbers, permittee names, and SWMP responsibilities of each member. (add additional spaces or pages if needed):

Authorization Number: _____

Permittee: _____

I. Construction Activities

1. The number of construction activities that occurred in the jurisdictional area of the MS4 (Notices of intent and site notices received; Refer to the MS4 General Permit TXR040000 Part IV Section B.2.(h)): 584 Residential (within 13 subdivisions); 59 Commercial

2a. Does the permittee utilize the optional 7th MCM related to construction?

____ Yes X No

2b. If 'yes,' then provide the following information for this permit year (refer to the MS4 General Permit TXR040000 Part IV Section B.2.(i)):

The number of municipal construction activities authorized under this general permit	N/A
The total number of acres disturbed for municipal construction projects	N/A

Note: Though the seventh MCM is optional, implementation must be requested on the NOI or on a NOC and approved by the TCEQ.

J. 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 gathered and evaluated 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.

Name (printed): Scott Sellers Title: City Manager

Signature:  Date: 12-20-18

Name of MS4: City of Kyle

Note: If this is this a system-wide annual report including information for all permittees, each permittee shall sign and certify the annual report in accordance with 30 TAC §305.128 (relating to Signatories to Reports).

NOC Explanation of Changes:

BMP 1 -	added "as applicable"
BMP 2 -	Deleted the word "produce"
BMP 4 -	Deleted "Identify budget requirements to acquire drain markers..." since developers are now required to mark all storm drains in new and redevelopment sites. The drainage crews replace missing drainage markers when needed.
BMP 6 -	Changed the verbiage from "training as part of new member orientation" to making "training available annually". This allows for more training opportunities and flexibility.
BMP 8 -	Deleted "sessions" under measurable goals. This was not requested or utilized. General education is provided during preconstruction meetings.
BMP 9 -	Changed "pamphlets" to stormwater outreach materials to match a previous NOC. This change was overlooked during the previous NOC.
BMP 10 -	Added "as applicable"
BMP 11 -	Deleted "per year" under measurable goals to match a previous NOC. This change was overlooked during the previous NOC.
BMP 16 -	<p>Deleted "held in conjunction with a park cleanup" since this BMP can be independent of the park cleanup (BMP 15). This now matches a previous NOC. This change was overlooked during the previous NOC.</p> <p>Deleted "in partnership with the Plum Creek Watershed Protection Group and GBRA". That verbiage was too specific since the BMP does not require to be in partnership with either group; however, all efforts will be made to partner with both groups during the creek cleanup.</p>
BMP 22 -	<p>Deleted "Include BMP for regional detention ponds that includes first flush channelization...". The City of Kyle completed the city's first ever Drainage Master Plan (DMP) during FY2018. The engineering firm, Halff Associates, was tasked with identifying areas where the city could utilize regional detention ponds. Upon Halff's study, it was determined that land was not available in the areas where regional detention ponds would have benefited the city. Therefore, this BMP is no longer applicable. The only regional detention ponds in the city belong to the Plum Creek Soil Conservation Service.</p> <p>Deleted the requirement for "biodegradable mulch tubes" changing it to "determining and requiring the best available BMP". This requirement was too specific and other BMPs are better suited for various situations/locations.</p>
BMP 23 -	Changed the implementation schedule
BMP 24 -	Changed the implementation schedule

- BMP 27 - The City of Kyle had an estimate completed for the two autosamplers that have been inoperable for years. Due to budget constraints, it is not feasible to replace the autosamplers at this time. GBRA currently samples locations along Plum Creek monthly. The city's sampling plan requires grab sampling when an unknown illicit discharge is observed or if sampling is warranted as part of an inspection.
- Updated the implementation schedule.
- BMP 29 - Added "as applicable" and updated the implementation schedule.
- BMP 31 - Updated the implementation schedule.
- BMP 34 - Updated the implementation schedule.
- BMP 35 - Updated the implementation schedule and deleted "and training" since the Emergency Services District (ESD) #5 operates independently of the city. The City of Kyle does not have our own fire department. Hays County ESD #5 provides spill response training to its fire fighters.