

CITY OF KYLE

100 W. Center St. • Kyle, Texas 78640 • (512) 262-1010

December 15, 2021

CERTIFIED MAIL – 7021 0350 0002 0984 5895 RETURN RECEIPT REQUESTED

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

Re: Phase II MS4 Annual Report Transmittal for the City of Kyle

TPDES Authorization: TXR040490

Dear Team Leader:

This letter serves to transmit the required 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.

The annual report is for Year 3. The reporting period's beginning October 1, 2020 and ending September 30, 2021.

A TPDES general permit, TXR040000, Notice of Intent and updated Stormwater Management Program was submitted to the TCEQ in July 2019 and is currently under review.

Changes to the current version of Kyle's SWMP are required as stated on Page 20 of the report along with three attachments showing the proposed changes. A separate Notice of Change is not being submitted since the City of Kyle's SWMP has not yet been approved. These changes need to be made prior to the Public Notice of the SWMP.

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.

Sincerely,

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 – 7021 0350 0002 0984 5826

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): 3

Annual Reporting Year Option Selected by MS4:

Calendar Year: N/A

Permit Year: N/A

Fiscal Year: **FY21** Last day of fiscal year: **09/30/2021**

Reporting period beginning date: (month/date/year) 10/01/2020

Reporting period end date: (month/date/year) 09/30/2021

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 _____

Region the annual report was submitted to: TCEQ Region 11 - Austin

B. Status of Compliance with the MS4 GP and SWMP

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

nmad trous History A. (214.1)	Yes	No	Explain
Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.		>	Due to COVID-19, BMP 7 (School Education & Outreach) was not completed this reporting period. These events are typically scheduled in January/February and were not held in 2021 due to school COVID policies.
			Due to COVID-19, BMP 30, training for pesticide management was not completed for the city's one licensed applicator; however, their training is scheduled for Jan. 5-7, 2022. TDA allowed renewal without CEU's during this reporting period.
			Records of maintenance for city maintained drainage infrastructure were not submitted for this reporting period; therefore, the city did not meet this BMP goal for this reporting period for BMP 31.
Permittee is currently in compliance with recordkeeping and reporting requirements.	~	ř.	
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	~		
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	~		

2. Provide a general assessment of the appropriateness of the selected BMPs. You may use the table below to meet this requirement (see Example 1 in instructions):

MCM(s)	ВМР	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1-1	Maintain Stormwater Management Page on City Website	Yes. Education of stormwater pollution is one of the most effective ways to reduce pollutants running off into our waterways. Most people use the internet to get up-to-date information so having a website for stormwater education and outreach is important.
1-2	Stormwater Outreach	Yes. Stormwater outreach & education is vital to protecting water quality and reducing stormwater pollution. Educating the public of MS4 program requirements is important so citizens know how their actions can affect water quality.
1-3	Electronic Stormwater Communication	Yes. Most people use social media so providing stormwater outreach via various social media platforms is an effective way to education residents and businesses of stormwater pollution prevention.
1-4	Storm Drain Inlet Markers	Yes. Ensuring all storm drains are marked with a reminder that the water entering a storm drain leads to a creek or waterbody, not a treatment facility, bringing awareness to the program & helping protect our waterways.
1-5	General Education of City Employees, Elected and Appointed Officials and City Inspectors	Yes. Educating city staff brings awareness to the program which increases the likelihood of issues being identified and reported to the appropriate staff. It puts more "eyes" on the streets identifying stormwater issues.
1-6	Preconstruction Developer/Builder/Engineer Education and Training	Yes. Educating builders & developers in Kyle helps set expectations up-front ensuring construction projects are aware of more stringent local requirements.
1-7	School Education and Outreach	Yes. Conducting outreach to school aged children is beneficial by opening communication and awareness on the importance of protecting our waterways.
1-8	Comply with State and Local Public Notice Requirements	Yes. Getting the public engaged in stormwater issues and conversations brings attention to the importance of stormwater/water quality protection.
1-9	Public Meetings	Yes. Public meetings allow residents and business owners the opportunity to provide input which contributes to a successful stormwater program.
1-10	Stormwater Hotline and Online Complaint Submission	Yes. Having a publicized/dedicated telephone number and online complaint submittal form allows an easy way for citizens to report stormwater issues.
1-11	Bulk Waste Cleanup	Yes. Educating residents on bulk waste pickup options encourages the proper disposal of large trash items.
1-12	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 dumped illegally, potentially ending up in waterways.

1-13	City Park Maintenance	Yes. Keeping city parks clean encourages others to do their part in keeping them clean by properly disposing of their trash.
1-14	Plum Creek Cleanup	Yes. Creek cleanups are a fun and easy way to get citizens involved in protecting our waterways.
1-15	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.
2-16	Stormwater Map	Yes. Mapping the storm drain system is important for monitoring and detecting unauthorized/illicit discharges & spills.
2-17	Illicit Discharge Ordinance	Yes. Having an enforceable ordinance is imperative in ceasing illicit discharges and keeping pollutants out of our waterways.
2-18	Illicit Discharge Inspections	Yes. Conducting illicit discharge complaint inspections is imperative in protecting our waterways.
2-19	Sanitary Sewer Line Maintenance and Inspection	Yes. Conducting preventative maintenance on sanitary sewer lines is the easiest, most cost-effective way of ensuring sewer overflows are reduced and/or eliminated.
2-20	Stormwater Sampling	No. 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.
3-21	Construction Site Stormwater Runoff and Erosion Control Ordinance	Yes. Having an enforceable ordinance is imperative in reducing construction site discharges.
3-22	Site Plan and Construction Plan Reviews	Yes. Conducting site plan reviews ensures construction activities comply with state, federal and local stormwater requirements.
3-23	Construction Site Inspections	Yes. Conducting construction inspections ensures BMPs are being maintained in good operating condition, reducing construction related discharges from construction sites.
4-24	Post Construction Stormwater Runoff Control Ordinance	Yes. Having an enforceable ordinance ensures developers are properly designing and maintaining permanent stormwater BMPs.
4-25	Post-Construction Structural and Non-Structural BMPs	Yes. Ensuring BMPs are designed and properly maintained reduces pollutants from entering our waterways.
4-26	Structural Control Maintenance	Yes. Inspecting stormwater structural controls ensures the BMPs are being maintained and operate as originally designed.
4-27	Land Use Plan	Yes. Proper land use planning can have a direct effect on reducing pollutants from entering our waterways.
5-28	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 city operations do not negatively affect our storm drain system and waterways.

5-29	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.	
5-30	Chemical Applications and Materials Management	Yes. Over application of pesticides and herbicides can lead to harmful, excess pollutants entering waterways.	
5-31	Storm Drainage System Maintenance	Yes. Routine maintenance of storm drain systems helps reduce a buildup of sediment and pollutants that can end up in receiving streams.	
5-32	Street Sweeping	Yes. Street sweeping reduces sediment and debris that could otherwise make its way into nearby waterways.	
5-33	Spill Response	Yes. Education of spill response and spill cleanup is important by ensuring spills are contained, mitigated and disposed properly.	
5-34	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 achieving the goal of reducing the discharge of pollutants to the MEP. If no progress was made or the BMP did not result in a reduction in pollutants, provide an explanation. Use the table below to meet this requirement (**see Example 2 in instructions**):

MCM	ВМР	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1	1	Maintain Stormwater Management Page on City Website	1	Website Review	No; but having a website that has the most current/relevant data provides easily accessible information to the public on how to reduce pollutants in stormwater runoff. The stormwater website is reviewed throughout the year but the official review was conducted on 02/17/2021.
1	2	Stormwater Outreach	6	Newsletters	No; but educating the public on how to prevent stormwater pollution plays a role in the success of an MS4 program.
		çSnii .	7	Facebook Posts	
			1	Billboards	
1	3	Electronic Stormwater Communication	6	Newsletters	No; but sending electronic outreach materials to residents and businesses in Kyle reduces paper waste & is a convenient way to educate the public on stormwater pollution prevention.
			7	Facebook Posts	
			1	Billboards	

1	4	Storm Drain Inlet Markers	421	Developer Installed Inlet Covers	Indeterminate; site developers of new and redevelopment projects are required to mark storm drains utilizing the city's markers with a No Dumping message.
1	5	General Education of City Employees, Elected and Appointed Officials and City Inspectors	1 8	Training City Staff + City Manager City Council Members	Yes; City of Kyle staff was trained during the 4th Annual Texas Regional Stormwater Conference held on 01/14/2021 virtually due to COVID. A total of 8 city staff & 2 Council Members attended the event. Kyle City Council was notified of the virtual conference via email on 12/03/2020 and a follow-up email was sent on 02/03/2021 with a link to the conference recording and all backup materials.
1	6	Preconstruction Developer/ Builder/ Engineer Education and Training	36	Precon Meetings	Yes; builders and developers are being educated of Kyle's Stormwater Ordinance and requirements during pre-con meetings. 31 of the 36 (86%) precons were attended by stormwater staff.
1	7	School Education & Outreach	0	Students	Indeterminate; the city's stormwater program & Engineering Dept normally participates in Uhland Elementary School's Career Day in January/February but due to COVID-19, this BMP was not completed this reporting period. These events are typically scheduled in January/February and were not held in 2021 due to school COVID policies.
1	8	Comply with State and Local Public Notice Requirements	1	Notice of Council Meetings	No; public notice requirements do not directly demonstrate a reduction in pollutants but allowing public input on proposed ordinances brings awareness to the program. The city follows public notice posting requirements as applicable.
1	9	Public Meeting(s)	1	Meetings	Indeterminate; the city's stormwater program will seek input regarding changes to the city's SWMP as applicable.
1	10	Stormwater Hotline and Online Complaint	1	Calls	Yes; the city received 1 hotline call during this reporting period from the 1-877-NO-DUMPS hotline.
		Submission	16	Online Complaint Submission	The city received 16 online complaint web submissions.

1	11	Bulk Waste Cleanup	400	Info Packets	Yes; 400 informational packets were distributed during the 06/05/2021 City Wide Clean-up by a volunteer to those in line. The packets included information for Green Guy, the Hays County Household Hazardous Waste location, and a summary of TDS services for the residents of Kyle.
			1	Cleanup	The city held a neighborhood cleanup offering free bulk waste disposal for residents on 06/05/2021. As a result, the city filled 12-40 yard roll-offs of waste and 1-40 yard roll-off of metals recycling were taken to TDS; 97 tires and 10,084 lbs of recycling/electronics were sent to Green Guy.
			~200	Trees	The city provided Christmas tree drop-off locations in January 2021. Approximately 200 trees were collected from Kyle residents.
1	12	HHW Collection	400	Info Packets	Yes; 400 informational packets were distributed during the 06/05/2021 City Wide Clean-up by a volunteer to those in line. The packets included information for Green Guy, the Hays County Household Hazardous Waste location, and a summary of TDS services for the residents of Kyle.
			1	Cleanup	7,511 lbs of HHW collected during the event was taken to the Household Hazardous Waste Drop-off Facility in San Marcos.
1	13	City Park Maintenance	720	Yards	Yes; the city removed 720 yards of trash from city parks and public grounds.
					The city also funded a litter robot pilot project which ran from Dec. 2020 – July 2021. While the robot was successful, and proved feasibility, Mekaworks was not able to garner the investment required to properly productize it for early scale; therefore, the pilot was discontinued.
1	14	Plum Creek Cleanup	2	Cleanups	Yes; the City of Kyle participates in the Great Texas River Clean-up. The clean-up was help on March 6, 2021. Kyle's portion of the cleanup removed: 1,675 lbs of trash 660 lbs of recyclables 11 passenger tires 1 commercial tire 1 TV 88 volunteers total which included 2 City Council Members Most Interesting Item: animal hide The city hosted a Fall Plum Creek Clean-up which
					included 11 volunteers collecting 4 - 13 gallon trash bags on 12/05/2020.

1	15	Pet Waste	2	Social Media Posts	Indeterminate; the city posted 2 Facebook posts related to pet waste. A poll was conducted on 12/17/2020 asking for input on possible new pet waste station locations. On 09/23/2021 a post explaining the importance of picking up your pet's waste was placed on the city's Facebook page.
2	16	Stormwater Map	Ongoing	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 Coordinators.
2	17	Illicit Discharge Ordinance	0	Updates Review	Yes; enforcing stormwater regulations ensures the success of the program. The ordinance is reviewed throughout the year but was reviewed 01/26/2021.
2	18	Illicit Discharge Inspections	2	Inspection	Yes; the city inspects illicit discharges on a complaint basis. Two illicit discharge inspections were conducted this fiscal year.
2	19	Sanitary Sewer Line Maintenance and Inspection	Varied	Varied	Yes; the city conducted: 35,638 linear ft. – CCTV 43,565 linear ft. – WW Line Jetting 989 – Manhole Inspections The city now has 3 SmartCovers. SmartCovers give real-time data within the collection system and alerts staff if the water levels within the manhole exceed a certain depth. This allows city staff to send crews to the manhole before an overflow occurs.
2	20	Stormwater Sampling	1	Sampling Events Sampling Results Review	No; 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. GBRA currently samples locations along Plum Creek monthly with the results being posted online. The WQ data was reviewed on 09/07/2021.
3	21	Construction Site Stormwater Runoff and Erosion Control Ordinance	0	Updates Review	Yes; enforcing stormwater regulations ensures the success of the program. The ordinance is reviewed throughout the year but was reviewed 01/26/2021.
3	22	Site Plan and Construction Plan Reviews	90	Reviews	Yes; the city completed 90 stormwater plan reviews, during this reporting period, which includes a review of stormwater structural controls.
3	23	Construction Site Inspections	40	Inspections	Yes; inspections are conducted on new construction sites and on a complaint basis.
4	24	Post- Construction Stormwater Runoff Control Ordinance	0	Updates Review	Yes; enforcing stormwater regulations ensures the success of the program. The ordinance is reviewed throughout the year but was reviewed 01/26/2021.

4	25	Post- Construction Structural and Non-Structural BMPs	90	Reviews	Yes; the city stormwater program was assigned & completed 90 plan reviews during this fiscal year. A total of 2 private post-construction stormwater structural controls were installed.
4	26	Structural Control Maintenance	2	Inspections	Yes; the city inspects city owned stormwater structural controls annually. Two inspections were conducted during this reporting period.
4	27	Land Use Plan	1	Evaluation	Yes; land use surrounding creeks and tributaries can affect water quality.
			0	Changes	,
5	28	Municipal Operations and Industrial Activity Operations and Maintenance Program	6	Inspections	Yes; 6 inspections of city owned facilities/locations were conducted during this reporting period.
5	29	Training Program for City Employees to Minimize Runoff Caused by Municipal Operations	1	Stormwater Training	City of Kyle staff was trained during the 4th Annual Texas Regional Stormwater Conference held on 01/14/2021 virtually due to COVID. A total of 8 city staff & 2 Council Members attended the event.
5	30	Chemical Applications and Materials Management	1	Staff	Yes; the city has one employee that is licensed through the Texas Department of Agriculture and maintains a Certified Application License for Pesticide. TDA allowed renewal without CEU's during this reporting period due to COVID. The city began identifying and maintaining a list of chemicals used in municipal operations. The list will continue to be updated as needed.
5	31	Storm Drainage System Maintenance	2 Unknown	Inspections & Maintenance	Yes; two inspections were conducted on a city maintained drainage infrastructure. Records of maintenance of drainage infrastructure were not submitted for this reporting period; therefore, the city did not meet this BMP goal for this reporting period.
5	32	Street Sweeping	14,971	Miles	Yes; the city swept 14,971 miles of city maintained streets during this reporting period.

	T				
5	33	Cmill Dannaman	0 1 4	Reportable	Yes; the city contracts with the Hays County
5	33	Spill Response		Spills	Emergency Service District (ESD) #5 which responds
				Spins	
77	,	* " A	,	2	to accidents and spills within the Kyle and Hays
		12			County areas. During spill response situations, ESD
				-	#5 utilizes the Hays County Community Emergency
-					Response Team (CERT) to ensure proper response
	a	* * * ,	5 LB1		TA TO THE PARTY OF
		e ==	- 0		and clean-up of spills. The ESD conducts internal
			_		training of their responders.
					· ·
		* · · · · ·	1	Training	The city's SWMP Administrator completed their
			_	Truming.	annual OSHA HAZWOPER Annual Refresher on
				*	\$4000 CONTROL OF THE STATE OF T
					08/05/2021.
* ×				-	W 1
n, nev		1,000	1	LEPC Mtg	In addition, the SWMP Administrator attending the
		vi e iz v ^e z	- · · · ·		Annual LEPC Meeting on 12/17/2020.
					, , , , , , , , , , , , , , , , , , , ,
5	34	Disposal of	~4	Tons	Yes; the city's Drainage Crews removed ~4 tons of
-	-	Collected Storm	7	10113	trash from drainage rights-of-way during this
		Drainage			reporting period at the TDS landfill, TCEQ MSW
		System Waste			Permit No. 2123. The Public Works Dept disposed of
		System Waste			The second secon
			A		80 tons of waste at the TDS Landfill during this
		1.0			reporting period.

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	Maintain Stormwater Management Page on City Website	Met; the stormwater website was reviewed on 02/17/2021.
1	Stormwater Outreach	Met; the city distributed information regarding bulk waste disposal, bulk waste pickup and household hazardous waste disposal through 6 weekly e-Newletters, 7 Facebook posts and 1 billboard posting.
1	Electronic Stormwater Communication	Met; the city distributed information regarding bulk waste disposal, bulk waste pickup and household hazardous waste disposal through 6 weekly e-Newletters, 7 Facebook posts and 1 billboard posting.
1	Storm Drain Inlet Markers	Met; developers installed 100% of the new storm drain inlets, within the city limits, which contains a No Dumping message.
1	General Education of City Employees, Elected and Appointed Officials and City Inspectors	Met; City of Kyle staff was trained during the 4th Annual Texas Regional Stormwater Conference held on January 14, 2021 virtually. A total of 8 city staff attended the event. Two City Council Members attended the virtual training throughout the day. 100% of city stormwater staff attended the event.

1	Preconstruction Developer/Builder/ Engineer Education and Training	Met; the city held a total of 36 preconstruction meetings during FY21 with stormwater staff attending 31 meetings equaling 86% attendance.
1	School Education and Outreach	Did Not Meet due to COVID; the city's stormwater program & Engineering Dept normally participates in Uhland Elementary School's Career Day in January/February but due to COVID-19, this BMP was not completed this reporting period. These events are typically scheduled in January/February and were not held in 2021 due to school COVID policies.
1	Comply with State and Local Public Notice Requirements	Met; 1 public notice was issued for a city council meeting in which council was being asked to sign a petition in support of nature-based infrastructure.
1	Public Meeting(s)	Met; there was 1 city council meeting in which council was being asked to sign a petition in support of nature-based infrastructure.
1	Stormwater Hotline and Online Complaint Submission	Met; the city received 1 (referral) hotline call during this reporting period from the 1-877-NO-DUMPS hotline. The city received 16 online complaint web submissions. The city investigated the complaints within 14 calendar days of receipt.
1	Bulk Waste Cleanup	Met; 400 informational packets were distributed during the 06/05/2021 City Wide Clean-up by a volunteer to those in line. The packets included information for Green Guy, the Hays County Household Hazardous Waste location, and a summary of TDS services for the residents of Kyle. The city held a neighborhood cleanup offering free bulk waste disposal for residents on 06/05/2021. As a result, the city filled 12-40 yard roll-offs of waste and 1-40 yard roll-off of metals recycling were taken to TDS; 97 tires and 10,084 lbs of recycling/electronics were sent to Green Guy. The city provided Christmas tree drop-off locations in January 2021.
1	Household Hazardous Waste (HHW) Collection	Approximately 200 trees were collected from Kyle residents. Met; 400 informational packets were distributed during the 06/05/2021 City Wide Clean-up by a volunteer to those in line. The packets included information for Green Guy, the Hays County Household Hazardous Waste location, and a summary of TDS services for the residents of Kyle. 7,511 lbs of HHW collected during the event was taken to the Household Hazardous Waste Drop-off Facility in San Marcos.
1	City Park Maintenance	Met; the city removed 720 yards of trash from city parks and public grounds. The city also funded a litter robot pilot project which ran from Dec. 2020 – July 2021. While the robot was successful, and proved feasibility, Mekaworks was not able to garner the investment required to properly productize it for early scale; therefore, the pilot was discontinued.

1	Plum Creek Cleanup	Met; Kyle is part of the Great Texas River Clean-up. Kyle's portion of the cleanup removed: 1,675 lbs of trash 660 lbs of recyclables 11 passenger tires 1 commercial tire 1 TV 88 volunteers total which included 2 City Council Members Most Interesting Item: animal hide The city hosted a Fall Plum Creek Clean-up which included 11 volunteers collecting 4 - 13 gallon trash bags on 12/05/2020. Met; the city posted 2 fb posts regarding pet waste.
1	Pet Waste	
2	Stormwater Map	Met; 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. A new GIS interactive storm system map was created in permit Year 3.
2	Illicit Discharge Ordinance	Met; the ordinance is reviewed throughout the year but was reviewed 01/26/2021.
2	Illicit Discharge Inspections	Met; two illicit discharge inspections were conducted during this reporting period. The city is conducting illicit discharge 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 conducted: 35,638 ft-CCTV + 43,565 ft-WW Line Jetting = 79,203 ft The city committed to maintain 10% of the entire wastewater collection system over the permit term which is 2% each reporting period. The city completed 8.7% during this reporting period 989 – Manhole Inspections (25%)
2	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. A review of the Plum Creek Partnership sampling data was reviewed on 09/07/2021.
3	Construction Site Stormwater Runoff and Erosion Control Ordinance	Met; the ordinance is reviewed throughout the year but was reviewed 01/26/2021.
3	Site Plan and Construction Plan Reviews	Met; the city completed 90 stormwater plan reviews (plans reviewed during this reporting period) which include a review of stormwater structural controls. Plan review procedures are updated as new requirements are added.
3	Construction Site Inspections	Met; 40 inspections were conducted on new construction sites and on a complaint basis. 100% of new construction sites were inspected.
4	Post-Construction Stormwater Runoff Control Ordinance	Met; the ordinance is reviewed throughout the year but was reviewed 01/26/2021.

4	Post-Construction Structural and Non- Structural BMPs	Met; the city stormwater program was assigned 90 plan reviews during this fiscal year. 100% of the 90 plans assigned were reviewed for post-construction structural controls requirements.	
4	Structural Control Maintenance	Met; two of the city's stormwater structural controls were inspected during this reporting period.	
4	Land Use Plan	Met; there were no updates to the Comprehensive Plan during this reporting period.	
5	Municipal Operations and Industrial Activity Operations and Maintenance Program	Met; six inspections of city owned facilities/locations were inspected during this reporting period.	
5	Training Program for City Employees to Minimize Runoff Caused by Municipal Operations	Met; City of Kyle staff was trained during the 4th Annual Texas Regional Stormwater Conference held on 01/14/2021 virtually due to COVID. A total of 8 city staff & 2 Council Members attended the event.	
5	Chemical Applications and Materials Management	Did Not Meet due to COVID; the city has one employee that is licensed through the Texas Department of Agriculture (TDA) and maintains a Certified Application License for pesticide. Due to COVID, an annual training was not attended but is scheduled for Jan. 5-7, 2022. TDA allowed renewal without CEU's during this reporting period.	
5	Storm Sewer System Maintenance	Did Not Meet; records of maintenance for drainage infrastructure were not submitted for this reporting period; therefore, the city dinot meet this BMP goal for this reporting period	
5	Street Sweeping	Met; the city swept 14,971 miles of city-maintained streets during this reporting period. The city is responsible for 172.3 centerline miles of roads.	
5	Spill Response	Met; 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.	
		The city's SWMP Administrator completed their annual OSHA HAZWOPER Annual Refresher on 08/05/2021. In addition, the SWMP Administrator attending the Annual LEPC Meeting on 12/17/2020.	
5	Disposal of Collected Storm Drainage System Waste	Met; 100% of the ~4 tons of trash removed from drainage rights-of- way during this reporting period was disposed at the TDS landfill, TCEQ MSW Permit No. 2123. The Public Works Dept disposed a total of 80 tons of waste at the TDS Landfill during this reporting period.	

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.?

D.Impaired Waterbodies

- 1. Identify whether an impaired water within the permitted area was added to the latest EPA-approved 303(d) list or the Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d). List any newly-identified impaired waters below by including the name of the water body and the cause of impairment. N/A nothing new was added during this reporting period.
- 2. 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.

Samples are collected monthly by GBRA and the Plum Creek Watershed Partnership which covers the City of Kyle's watershed. This sampling site is located along Plum Creek at Plum Creek Road (Sampling Site 17406), downstream from the City of Kyle. This data is reviewed annually.

3. Describe the implementation of targeted controls if the small MS4 discharges to an impaired water body with an approved TMDL.

Plum Creek, Segment 1810, has an approved Watershed Protection Plan (WPP) which was the first WPP created and accepted in Texas. The city is currently upgrading the city's wastewater treatment plant for not only increased treatment capacity but for better treatment and effluent quality. The city is also using SmartCovers in areas where sewer overflows are a concern. SmartCovers give real-time data within the collection system and alerts staff if the water levels within the manhole exceed a certain depth. This allows city staff to send crews to the manhole before an overflow occurs.

4. Report the benchmark identified by the MS4 and assessment activities:

- aspellaca	The state of the s	Description of additional sampling or other assessment activities	Year(s) conducted
Bacteria; E. coli	N/A	GBRA Monthly Sampling as part of the Plum Creek Watershed Partnership	2020-2021

5. Provide an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark:

Benchmark Parameter	Selected BMP	Contribution to
ab results (if sampling was		achieving Benchmark

Bacteria (E. coli)	#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.
Bacteria (E. coli)	#27- Stormwater Sampling	Conducting sampling allows stakeholders to track changes in the watershed. Sampling is conducted monthly by GBRA and the Plum Creek Watershed Partnership and that data is reviewed annually.

6. If applicable, report on focused BMPs to address impairment for bacteria:

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.
#27- Stormwater Sampling	The Plum Creek Watershed Partnership continues to monitor the bacteria levels in Plum Creek by use of monthly sampling.
#21- Sewer Line Maintenance	Conducting sewer line maintenance reduces the likelihood of sanitary sewer overflows which contribute to bacteria entering our waterways. The city is completing several wastewater interceptor projects that will eliminate lift stations and replace them with a gravity flow wastewater lines. The city is currently upgrading/expanding the city's wastewater treatment plant for not only increased treatment capacity but to increase treatment capability for better effluent quality. The city is also using SmartCovers in areas where sewer overflows are a concern. SmartCovers give real-time data within the collection system and alerts staff if the water levels within the manhole exceed a certain depth. This allows city staff to send crews to the manhole before an overflow occurs.

7. Assess the progress to determine BMP's effectiveness in achieving the benchmark.

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

- number of sources identified or eliminated;
- number of illegal dumpings;
- increase in illegal dumping reported;
- number of educational opportunities conducted;

- reductions in sanitary sewer flows (SSOs); /orincrease in illegal discharge detection through dry screening.

Benchmark Indicator	Description/Comments
Bacteria	The city conducted:
	35,638 linear ft. – CCTV
	43,565 linear ft. – WW Line Jetting
	989 – Manhole Inspections
Bacteria	Wastewater projects – Bunton Creek Interceptor, Elliott
Bacteria	Branch Interceptor and the Southside Wastewater
	Improvements projects are currently under construction. The
, · · · · · · · · · · · · · · · · · · ·	city is currently upgrading/expanding the city's wastewater
w	treatment plant which is a \$33,000,000 project. The city is
- ,	also using SmartCovers in areas where sewer overflows are a
	concern. SmartCovers give real-time data within the
-	collection system and alerts staff if the water levels within
	the manhole exceed a certain depth. This allows city staff to
	send crews to the manhole before an overflow occurs.

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	ВМР	Stormwater Activity	Description/Comments
1	Maintain Stormwater Management Page on City Website	Review website annually	Continued from Year 1.
1	Stormwater Outreach	Distribute stormwater outreach materials during events or web announcements	Continued from Year 1.
1	Electronic Stormwater Communication	Distribute the information through billboards, e-Newsletters and city social media accounts at least once per fiscal year	Continued from Year 2.
1	Storm Drain Inlet Markers	Ensure new and redevelopment construction projects are marked with the city's approved storm drain markers	Continued from Year 1.

1	General Education of City Employees, Elected and Appointed Officials and City Inspectors	Educate city employees, stormwater inspectors and elected and appointed officials on stormwater management programs	Continued from Year 1.
1	Preconstruction Developer/Builder/ Engineer Education and Training	Educate builders, developers, and engineers of city stormwater requirements during plan reviews and preconstruction meetings	Continued from Year 1.
1	School Education & Outreach	Conduct school education and outreach on stormwater related topics	Continued from Year 1.
1	Comply with State and Local Public Notice Requirements	Provide notice of all public meetings and adoption of new or updated ordinances as part of the planning and implementation of the SWMP	Continued from Year 1.
1	Public Meeting(s)	Hold at least one public meeting during the permit term to discuss and seek input on SWMP implementation measures	Continued from Year 1.
1	Stormwater Hotline and Online Complaint Submission	Investigate stormwater complaints as required	Continued from Year 1.
1	Bulk Waste Cleanup and Pickups	Communicate the use of free curbside bulk pick up available through the city's waste service provider	Continued from Year 1.
1	Household Hazardous Waste Collection	Continue support of Hays County HHW Collection Center	Continued from Year 1.
1	City Park Maintenance	Maintain city parks, picking up litter and debris	Continued from Year 1.
1	Plum Creek Cleanup	Conduct at least one annual creek cleanup per fiscal year	Continued from Year 1.

	Pet Waste	Install new pet waste	Continued from Year 1.
1	i et waste	stations as budget allows & seek input from residents for possible new locations to install pet waste stations	Continued from Teal 1.
2	Stormwater Map	Update the city's map of stormwater outfalls and other drainage system features as new outfalls are added or modified	Continued from Year 1.
2 "	Illicit Discharge Ordinance	Review the Stormwater Regulations Ordinance and update as needed	Continued from Year 1.
2	Illicit Discharge Inspections	Identify and locate the source of illicit discharges as required by permit	Continued from Year 1.
2	Sanitary Sewer Line Maintenance and Inspection	Maintain wastewater collection system as stated by approved SWMP	Continued from Year 1.
2	Stormwater Sampling	Analyze trends and determine appropriate BMPs based on the data reviewed and determine budget to implement BMPs for subsequent fiscal years	Continued from Year 1.
3	Construction Site Stormwater Runoff and Erosion Control Ordinance	Review the Stormwater Regulations Ordinance and update as needed	Continued from Year 1.
3	Site Plan and Construction Plan Reviews	Ensure compliance with city ordinances and TPDES requirements during plan reviews	Continued from Year 1.
3	Active Construction Site Inspections	Inspect new & redevelopment projects at least once during active construction	Continued from Year 1.
4	Post Construction Stormwater Runoff Control Ordinance	Review the Stormwater Regulations Ordinance and update as needed	Continued from Year 1.
4	Post-Construction Structural and Non- Structural BMPs	Review post- construction BMPs during plan reviews	Continued from Year 1.

4	Structural Control Maintenance	Inspect city maintained structural controls and private structural controls on a complaint basis.	Begin planning a comprehensive plan to ensure proper private structural control maintenance in Year 4.
4	Land Use Plan	Evaluate the city's Comprehensive Plan once during the term of the permit with respect to water quality protection	Continued from Year 1.
5	Municipal Operations and Industrial Activity Operations and Maintenance Program	Evaluate municipal operations with the potential to impact stormwater quality	Continued from Year 1.
5	Training Program for City Employees to Minimize Runoff Caused by Municipal Operations	Provide annual training for the municipal employees responsible for activities that may impact stormwater quality	Continued from Year 1.
5	Chemical Applications and Materials Management	Provide annual training and/or refresher for chemical applicators and document refresher the training in accordance with industry guidelines. Identify and maintain a chemicals list that are used in municipal activities	Identify and maintain a chemicals list that are used in municipal activities - Started in Year 3.
5	Storm Drainage System Maintenance	Inspect the city's storm drainage system annually and evaluate the need for maintenance	Continued from Year 1.
5	Street Sweeping	Continue street sweeping program for city-maintained streets	Continued from Year 1.
5	Spill Response	SWMP Admin complete annual 8 Hour OSHA HazMat Refresher	Continued from Year 1.
5	Disposal of Collected Storm Drainage System Waste	Track the amount of waste removed and disposed from the city's storm drainage infrastructure	Continued from Year 1.

F. SWMP Modifications

- The SWMP and MCM implementation procedures are reviewed each year.
 ✓ Yes ____No
- 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:

MCM(s)	Measurable Goal(s) or BMP(s)	Implemented or Proposed Changes (Submit NOC as needed)
5	29	Due to various edits throughout the 2019 renewal. BMP 29 (page 68) verbiage at the top of the page requires the following edit:
		The city has implemented a training program for city employees responsible for municipal operations subject to the Stormwater Program. described in BMP No. 27. Training materials will be gathered for the various municipal operations directed at preventing and reducing stormwater pollution. The employees and operations selected to require training is directly linked to the Operation and Maintenance Program developed as part of BMP No. 27. Training will be conducted annually and documented. This change is required because BMP 27 is for Land Use Plan which is not applicable.
N/A	Page 3 of SWMP	Page 3 includes info on the city's MSGP for the WWTP which needs to be removed.

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.

3. Explain additional changes or proposed changes not previously mentioned (i.e. dates, contacts, procedures, annexation of land, etc.). The City of Kyle annexed 200 acres during this reporting period.

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.

Plum Creek, Segment 1810, has an approved Watershed Protection Plan (WPP) which was the first WPP created and accepted in Texas. The lead agency over the WPP is TSSWCB and the WPP has been accepted by the EPA. Sampling data is collected monthly by GBRA and the Plum Creek Partnership which covers the City of Kyle's watershed. This sampling site is located along Plum Creek at Plum Creek Road (Sampling Site 17406), downstream from the City of Kyle. This data is reviewed annually. The data can be found at this link: https://plumcreekwatershed.org/water-quality/monitoring/

ВМР	Description	Implementation Schedule (start date, etc.)	Status/Completion Date (completed, in progress, not started)
N/A	WWTP Expansion	May 2020-March 2022	The city is currently in the construction process of upgrading/expanding the city's WWTP. The project will take approximately 2 years to complete at a project cost of ~\$33,000,000

H. Additional Information

 Is the permittee relying on another entity to satisfy any permit obligations? Yes _✓ No
If "Yes," provide the name(s) of other entities and an explanation of their responsibilities (add more spaces or pages if needed). N/A
Name and Explanation:

2.a.	Is th	ne permitte	e part o	f a	group	sharing	a	SWMP	with	other	entities?
	Yes	✓ No									

2.b. If "yes," is th	iis a system	-wide annua	I report	including	information	for al
permittees? N/A						

	Yes	No
$\overline{}$		

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

I. Construction Activities

- 1. The number of construction activities that occurred in the jurisdictional area of the MS4 (Large and Small Site Notices submitted by construction site operators):
 - <u>1527 Residential</u>; 94 Commercial The city regulates all construction sites regardless of acreage disturbed so these numbers are building permits (individual residential & commercial) issued which reflects a more accurate number for construction activities within the city.

2a. Does the permittee utilize the optional sevent	th MCM related to construction?
Yes _ <pre> No</pre> 2b. If "yes," then provide the following information	on for this permit year: N/A
The number of municipal construction activities authorized under this general permit	es
The total number of acres disturbed for municipal construction projects	N/A
Note: Though the seventh MCM is optional, im the NOI or on a NOC and approved by the TCE	•
J. Certification	
If this is this a system-wide annual report including i permittee shall sign and certify the annual report in a (relating to Signatories to Reports).	
I certify under penalty of law that this document and under my direction or supervision in accordance with qualified personnel properly gathered and evaluated on my inquiry of the person or persons who manage directly responsible for gathering the information, the best of my knowledge and belief, true, accurate, and are significant penalties for submitting false information imprisonment for knowing violations.	a system designed to assure that the information submitted. Based the system, or those persons e information submitted is, to the complete. I am aware that there
Name (printed): Scott Sellers Title: Cit	y Manager
Signature: Date:	12-15-21
Name of MS4: City of Kyle	
If you have questions on how to fill out this form or about please contact us at 512-239-4671.	ut the Stormwater Permitting program,
Individuals are entitled to request and review their personal inf	formation that the agency gathers on its

forms. They may also have any errors in their information corrected. To review such information, contact us at 512-239-3282.

Page | 68

MCM 5 - Pollution Prevention and Good Housekeeping for Municipal Operations Stormwater Management Program

BMP No. 29 - Training Program for City Employees to Minimize Runoff Caused by Municipal Operations

The city has implemented a training program for city employees responsible for municipal operations subject to the Stormwater Program. described in BMP No. 27. Training materials will be gathered for the various municipal operations directed at preventing and reducing stormwater pollution. The employees and operations selected to require training is directly linked to the Operation and Maintenance Program developed as part of BMP No. 27. Training will be conducted annually and documented.

BMP No.	Description of BMP	Responsible Department	Permit Year 1 Measurable Goal Due	Permit Year 2 Measurable Goal Due	Permit Year 3 Measurable Goal Due	Permit Year 4 Measurable Goal Due	Permit Year 5 Measurable Goal Due
			Sept. 2019	Sept. 2020	Sept. 2021	Sept. 2022	Sept. 2023
29	Training Program for • SWMP Admin City Employees to	SWMP Admin	 Continue to identify municipal operations 	 Continue to identify municipal operations 	 Continue to identify municipal operations 	Continue to identify municipal operations	 Continue to identify municipal operations
	Minimize Runoff Caused by Municipal		in which activities have the potential to impact	in which activities have the potential to impact	in which activities have the potential to impact	in which activities have the potential to impact	in which activities have the potential to impact
	Operations		stormwater	stormwater	stormwater	stormwater	stormwater
			At least once per fiscal	At least once per fiscal	 At least once per fiscal 	At least once per fiscal	 At least once per fiscal
			year, provide annual	year, provide annual			year, provide annual
			training for the	training for the	training for the	training for the	training for the
			municipal employees	municipal employees	municipal employees	municipal employees	municipal employees
			responsible for	responsible for	responsible for	responsible for	responsible for
			activities that may	activities that may	activities that may	activities that may	activities that may
			impact stormwater	impact stormwater	impact stormwater	impact stormwater	impact stormwater
			quality	quality	quality	quality	quality
			 Document annual 	Document annual	 Document annual 	Document annual	 Document annual
			training, reporting the	training, reporting the	training, reporting the	training, reporting the	training, reporting the
			total number of city	total number of city	total number of city	total number of city	total number of city
			employees that attend	employees that attend	employees that attend	employees that attend	employees that attend
			the training	the training	the training	the training	the training

Page | 60

MCM 4 - Post Construction Stormwater Management in New Development and Redevelopment Stormwater Management Program

BMP No. 27 - Land Use Plan

The city will evaluate its comprehensive plan once during the permit term, taking into account uses that contribute to stormwater, as well as acceptable land use and traits of structures adjacent or immediately contributing to waterways. In addition, water quality will be considered during zoning change requests that come before the Planning and Zoning Commission.

BMP No.	Description of BMP	Responsible Department	Permit Year 1 Measurable Goal Due Sept. 2019	Permit Year 2 Measurable Goal Due Sept. 2020	Permit Year 3 Measurable Goal Due Sept. 2021	Permit Year 4 Measurable Goal Due Sept. 2022	Permit Year 5 Measurable Goal Due Sept. 2023
27	Land Use Plan	SWMP Admin	 Evaluate the city's Compr 	rehensive Plan once during	• Evaluate the city's Comprehensive Plan once during the term of the permit with respect to water quality protection	h respect to water quality p	rotection
		 Planning Dept 					
			 Evaluate zoning 	 Evaluate zoning 	 Evaluate zoning 	 Evaluate zoning 	 Evaluate zoning
			changes with respect	changes with respect	changes with respect	changes with respect	changes with respect
			to the water quality	to the water quality	to the water quality	to the water quality	to the water quality
			protection goals of the	protection goals of the	protection goals of the	protection goals of the	protection goals of the
			land use plan annually	land use plan annually	land use plan annually	land use plan annually	land use plan annually
			 Report any updates to 	 Report any updates to 	 Report any updates to 	 Report any updates to 	 Report any updates to
			zoning changes and/or	zoning changes and/or	zoning changes and/or	zoning changes and/or	zoning changes and/or
			ordinances with	ordinances with	ordinances with	ordinances with	ordinances with
			respect to the	respect to the	respect to the	respect to the	respect to the
			stormwater program	stormwater program	stormwater program	stormwater program	stormwater program
			or the city's water	or the city's water	or the city's water	or the city's water	or the city's water
			quality protection	quality protection	quality protection	quality protection	quality protection
			goals as necessary	goals as necessary	goals as necessary	goals as necessary	goals as necessary

treatment facility before discharging into water bodies. A "municipal separate storm sewer system" (MS4) is a system owned or operated by a public agency like a city, flood control district, county, or state agency. In 1999, the EPA issued NPDES regulations to protect stormwater quality in small MS4s (known as "Phase II" MS4s) within urbanized areas. The TCEQ, who was delegated the responsibility of implementing the stormwater quality regulations, finalized the initial Small MS4 GP (officially named Texas Pollutant Discharge Elimination System General Permit No. TXR040000) on August 13, 2007. This TPDES permit, commonly called the "Small MS4 General Permit," originally had a five-year term but was extended administratively for more than a year while TCEQ negotiated with EPA over the renewed permit conditions. The latest permit renewal became effective on January 24, 2019 and has a five-year permit term.

TPDES Construction General Permit (CPG)

The TCEQ regulates stormwater discharges from most construction activity through the TPDES CGP No. TXR150000. For construction sites disturbing one acre or more, a stormwater pollution prevention plan (SWPPP) must be developed and site controls must be installed, such as silt fence, inlet protection, and a stabilized construction site entrance, to minimize the discharge of sediment and other pollutants from the construction site. When construction is complete and the site is revegetated or otherwise stabilized, the control measures may be removed.

Small MS4 cities may, as designated by ordinance, inspect and enforce construction sites for compliance according to the requirements of the TCEQ construction general permit, including inspection for properly installed and maintained erosion control measures. The City of Kyle referenced the TCEQ construction general permit in the city's ordinance for compliance consistency.

TPDES Multi-Sector General Permit (MSGP) for Industrial Activity

The TCEQ regulates stormwater discharges from developed sites in certain industrial classifications through TPDES MSGP No. TXR050000. Sites operating in certain identified industrial sectors are required to develop, implement and maintain a stormwater pollution prevention plan (SWPPP) for operations at their facility. These industrial sectors have been identified by EPA and TCEQ as high potential sources of significant stormwater pollutants, and as a result, the implementation of BMPs are required to protect water quality from stormwater runoff pollution. The City of Kyle an industrial stormwater permit for the city's WWTP, TPDES MSGP No. TXR05DE30.