



CITY OF KYLE

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

December 27, 2022

CERTIFIED MAIL – 7016 1370 0001 7662 7387
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 4. The reporting period's beginning October 1, 2021 and ending September 30, 2022.

A separate Notice of Change has not been submitted; however, per instruction from the TCEQ Stormwater Team, an email was sent on 12/20/2022 requesting a change to MCM 5, BMP 31 to clarify the verbiage.

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 2720 0001 1134 5819

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: **N/A**

Permit Year: **N/A**

Fiscal Year: **FY22** Last day of fiscal year: **09/30/2022**

Reporting period beginning date: (month/date/year) **10/01/2021**

Reporting period end date: (month/date/year) **09/30/2022**

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

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

	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 during this reporting period. These events are typically scheduled in January/February and were not held in 2022 due to school COVID policies. Three emails were sent to Hays CISD contacts; however, no one responded.

Permittee is currently in compliance with recordkeeping and reporting requirements.	✓		Yes, the City of Kyle was in compliance with recordkeeping and reporting requirements during Permit Year 4. This can be verified during the city's next TCEQ investigation.
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	✓		Yes, the City of Kyle did meet the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.) during Permit Year 4. The city complied with EA requirements; the city is not regulated by a TMDL and has a HIGH compliance history rating.
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	✓		Yes, the City of Kyle did conduct an annual review of its SWMP in conjunction with the preparation of the annual report during Permit Year 4. The SWMP was reviewed on 08/19/2022.

- 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)	BMP	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 message 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 and curb illegal dumping in storm drains.
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	BMP	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 11/29/2021.
1	2	Stormwater Outreach	1 5 24 1 1	Newsletter NextDoor Facebook Posts Billboard TeamKyle Academy	No; but educating the public on how to prevent stormwater pollution plays a role in the success of an MS4 program.
1	3	Electronic Stormwater Communication	1 5 24 1	Newsletter NextDoor Facebook Posts Billboard	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.
1	4	Storm Drain Inlet Markers	593	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 3 0	Training City Staff City Council Members	Yes; City of Kyle staff was trained during StormCon 2022 held 09/26/2022-09/28/2022. A total of 3 city staff attended the conference. A Kyle City Council Member was scheduled to attend the conference but was unable to attend due to an unforeseen situation. Kyle City Council was notified of training opportunities via email on 06/03/2022.
1	6	Preconstruction Developer/ Builder/ Engineer Education and Training	54	Precon Meetings	Yes; builders and developers are being educated of Kyle's Stormwater Ordinance and requirements during pre-con meetings. 50 of the 54 (93%) precon were attended by stormwater staff.

1	7	School Education & Outreach	0	Students	Indeterminate; the city's stormwater program & Engineering Dept normally participates in Umland Elementary School's Career Day in January/February but due to COVID-19, this BMP was not completed in Permit Year 4. These events are typically scheduled in January/February and were not held.
1	8	Comply with State and Local Public Notice Requirements	1	Public Notice for MS4 Program Renewal	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)	0	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 Submission	0 6	Calls Online Complaint Submission	Yes; the city did not receive any hotline call during this reporting period from the 1-877-NO-DUMPS hotline. The city received 6 stormwater online complaint web submissions.
1	11	Bulk Waste Cleanup & Pickups	2	Cleanups	Yes; the city held 2 bulk cleanup events offering free bulk waste disposal for residents on 05/21/2022 & 08/27/2022. The city provided 8-40 yard roll-offs for waste and 2-40 yard roll-offs for metals recycling which were taken to TDS; 35 tires and 1,422 lbs of TV/Monitors/Electronics were sent to Green Guy.
1	12	HHW Collection	1 1 1	FB Post NextDoor Post E-News Post	Yes; the city advertised the Household Hazardous Waste (HHW) Facility in San Marcos which is available to all Hays County residents free of charge.
1	13	City Park Maintenance	12,000	Pounds	Yes; the city removed 12,000 lbs of trash from city parks and public grounds.
1	14	Plum Creek Cleanup	1	Cleanup	Yes; the City of Kyle participates in the Great Texas River Clean-up. The clean-up was held on 03/05/2022. Kyle's portion of the cleanup removed: 2,840 lbs of trash 170 lbs of recyclables 1 passenger tires 83 volunteers total which included our Mayor Pro Tem and 2 City Council Members
1	15	Pet Waste	3	Social Media Posts	Indeterminate; the city posted 3 separate posts on FB, NextDoor & the city's E-Newsletter related to pet waste. A poll was conducted on 01/26/2022 asking for input on possible new pet waste station locations.

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 1	Updates Review	Yes; enforcing stormwater regulations ensures the success of the program. The ordinance is reviewed throughout the year but was reviewed 09/30/2022.
2	18	Illicit Discharge Inspections	3	Inspections	Yes; the city inspects illicit discharges on a complaint basis. Three illicit discharge inspections were conducted this fiscal year.
2	19	Sanitary Sewer Line Maintenance and Inspection	27,555 lin ft 27,167 lin ft 1,161	CCTV Line Jetting Manhole Inspections	Yes; the city conducted: 27,555 linear ft. – CCTV 27,167 linear ft. – WW Line Jetting 1,161 – Manhole Inspections
2	20	Stormwater Sampling	0 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 09/30/2022.
3	21	Construction Site Stormwater Runoff and Erosion Control Ordinance	0 1	Updates Review	Yes; enforcing stormwater regulations ensures the success of the program. The ordinance is reviewed throughout the year but was reviewed 09/30/2022.
3	22	Site Plan and Construction Plan Reviews	316	Reviews	Yes; the city completed 316 stormwater plan reviews, during this reporting period, which includes a review of stormwater structural controls. Some of the reviews were resubmittals.
3	23	Construction Site Inspections	32	Inspections	Yes; inspections are conducted on new construction sites and on a complaint basis.
4	24	Post-Construction Stormwater Runoff Control Ordinance	0 1	Updates Review	Yes; enforcing stormwater regulations ensures the success of the program. The ordinance is reviewed throughout the year but was reviewed 09/30/2022.
4	25	Post-Construction Structural and Non-Structural BMPs	316	Reviews	Yes; the city stormwater program was assigned & completed 316 plan reviews during this fiscal year. A total of 10 new ponds were constructed; 5 commercial and 5 HOA.
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	0 0	Evaluation Changes	Yes; land use surrounding creeks and tributaries can affect water quality. Ordinance change was adopted in 2020.

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 had stormwater training on 07/05/2022 held at the Public Works Dept.
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 Pesticides.
5	31	Storm Drainage System Maintenance	2 13	Inspections Drainage Projects	Yes; two inspections were conducted on city-maintained structural controls. Thirteen drainage projects were completed in FY22.
5	32	Street Sweeping	2,979	Miles	Yes; the city swept 2,979 miles of city-maintained streets during this reporting period.
5	33	Spill Response	0 1	Reportable Spills Training	Yes; 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 09/23/2022.
5	34	Disposal of Collected Storm Drainage System Waste	110	Yards	Yes; 110 yards of trash & 14 mattresses were removed from drainage rights-of-way during this reporting period and were disposed at the TDS landfill, TCEQ MSW Permit No. 2123.

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 11/29/2021.
1	Stormwater Outreach	Met; the city distributed 68 informational packets regarding bulk waste disposal options during the city-wide clean-up event held on 05/21/2022. In addition, the city issued 1 weekly e-Newletters, 5 NextDoor posts, 24 Facebook posts, 1 billboard posting, and hosted a TeamKyle Academy which educated residents on stormwater pollution.
1	Electronic Stormwater Communication	Met; the city issued 1 weekly e-Newletters, 5 NextDoor posts, 24 Facebook posts, and 1 billboard posting which educated residents on stormwater pollution.
1	Storm Drain Inlet Markers	Met; developers installed 100% of the new storm drain inlets, within the city limits, which contained 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 StormCon 2022 held 09/26/2022-09/28/2022. A total of 3 city staff attended the conference. A Kyle City Council Member was scheduled to attend the conference but was unable to attend due to an unforeseen situation. Kyle City Council was notified of training opportunities via email on 06/03/2022.
1	Preconstruction Developer/Builder/Engineer Education and Training	Met; builders and developers are being educated of Kyle's Stormwater Ordinance and requirements during pre-con meetings. 50 of the 54 (93%) precons were attended by stormwater staff.
1	School Education and Outreach	Did Not Meet due to COVID; the city's stormwater program & Engineering Dept normally participates in Hays CISD Career Day events typically held in January/February but due to COVID-19, this BMP was not completed in Permit Year 4.
1	Comply with State and Local Public Notice Requirements	Met; the city complied with public notice requirements related to the MS4 permit renewal.
1	Public Meeting(s)	Will Met; the city is required to hold at least one public meeting during the permit term to discuss and seek input on SWMP implementation measures. This will be conducted prior to the next permit renewal for input.
1	Stormwater Hotline and Online Complaint Submission	Met; the city received no referrals/hotline calls during this reporting period from the 1-877-NO-DUMPS hotline. The city received 6 online complaint web submissions. The city investigated the complaints within 14 calendar days of receipt.

1	Bulk Waste Cleanup	Met; the city held 2 bulk cleanup events offering free bulk waste disposal for residents on 05/21/2022 & 08/27/2022. The city provided 8-40 yard roll-offs for waste and 2-40 yard roll-offs for metals recycling which were taken to TDS; 35 tires and 1,422 lbs of TV/Monitors/Electronics were sent to Green Guy. The city posted 2 Facebook posts informing residents of TDS's Christmas tree pickup which is a free service to Kyle residents.
1	Household Hazardous Waste (HHW) Collection	Met; the city posted 3 social media posts that advertised the Household Hazardous Waste (HHW) Facility in San Marcos. This facility is available to Kyle residents free of charge.
1	City Park Maintenance	Met; the city removed 12,000 pounds of trash from city parks and public grounds.
1	Plum Creek Cleanup	Met; the City of Kyle participates in the Great Texas River Clean-up. The clean-up was held on 03/05/2022. Kyle's portion of the cleanup removed: 2,840 lbs of trash 170 lbs of recyclables 1 passenger tires 83 volunteers total which included our Mayor Pro Tem and 2 City Council Members
1	Pet Waste	Met; the city posted 3 separate posts on FB, NextDoor & the city's E-Newsletter related to pet waste. A poll was conducted on 01/26/2022 asking for input on possible new pet waste station locations.
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 Coordinators.
2	Illicit Discharge Ordinance	Met; the ordinance is reviewed throughout the year but was reviewed 09/30/2022.
2	Illicit Discharge Inspections	Met; three 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: 27,555 linear ft. – CCTV+27,167 linear ft. – WW Line Jetting 1,161 – Manhole Inspections
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 09/30/2022.
3	Construction Site Stormwater Runoff and Erosion Control Ordinance	Met; the ordinance is reviewed throughout the year but was reviewed 09/30/2022.
3	Site Plan and Construction Plan Reviews	Met; the city completed 316 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; 32 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 09/30/2022.
4	Post-Construction Structural and Non-Structural BMPs	Met; the city stormwater program was assigned 316 plan reviews during this fiscal year. 100% of the 316 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 had stormwater training on 07/05/2022 held at the Public Works Dept.
5	Chemical Applications and Materials Management	Met; the city has one employee that is licensed through the Texas Department of Agriculture and maintains a Certified Application License for Pesticides.
5	Storm Sewer System Maintenance	Met; two inspections were conducted on city-maintained structural controls. Thirteen drainage projects were completed in FY22.
5	Street Sweeping	Met; the city swept 2,979 miles of city-maintained streets during this reporting period. The city is responsible for 188.2 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 09/23/2022.
5	Disposal of Collected Storm Drainage System Waste	Met; 100% of the 110 yards of trash & 14 mattresses removed from drainage rights-of-way during this reporting period and were disposed 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.?

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. Routine ambient water quality data of Plum Creek is collected monthly by GBRA and quarterly at a third main stem station by TCEQ. A review of the Plum Creek Partnership sampling data was reviewed on 09/30/2022. This data can be found online at: <https://plumcreekwatershed.org/water-quality/monitoring/> and a copy of the report is saved and available for review during the next TCEQ investigation.

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. No; there were no newly-identified impaired waters 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) during the Year 4 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 upgraded & expanded 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. The city also contracted a hog trapping service in FY22 to trap hogs on city-owned property where hog damage was evident.

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

Benchmark Parameter <i>(Ex: Total Suspended Solids)</i>	Benchmark Value	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	2021-2022

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

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.
Bacteria (<i>E. coli</i>)	#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.
Bacteria (<i>E. coli</i>)	N/A – Hog Trapping	The city contracted a hog trapping service in FY22 to trap hogs on city-owned property where hog damage was evident.

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	<p>Conducting sewer line maintenance reduces the likelihood of sanitary sewer overflows which contribute to bacteria entering our waterways.</p> <p>The city continues to add and/or upgrade wastewater collection lines. The city upgraded/expanded 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.</p>
N/A – Hog Trapping	For the 1 st time, the City of Kyle began noticing hog damage within city-owned parkland. Since feral hogs are the leading source of bacteria within Kyle's section of Plum Creek, the city contracted a hog trapping service in FY22 to trap hogs on city-owned property where hog damage was evident.

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); /or
- increase in illegal discharge detection through dry screening.

Benchmark Indicator	Description/Comments
Bacteria	<p>The city conducted:</p> <p>27,555 linear ft. – CCTV</p> <p>27,167 linear ft. – WW Line Jetting</p> <p>1,161 – Manhole Inspections</p>
Bacteria	<p>Wastewater projects – Bunton Creek Interceptor, Elliott Branch Interceptor and the Southside Wastewater Improvements projects are in the final stages of completion. The city upgraded/expanded the city's wastewater treatment plant which is a \$34,000,000 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.</p>

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	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.
1	Pet Waste	Install new pet waste stations as budget allows & seek input from residents for possible new locations to install pet waste stations	Continued from Year 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.	Began 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	Continued from Year 1.
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

1. The SWMP and MCM implementation procedures are reviewed each year.
☒ Yes ☐ No
2. 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	31	Per instruction from TCEQ, this change was submitted via email on 12/20/2022 changing the 1 st bullet from: Inspect a minimum of 20% of the city's storm drainage system annually and evaluate the need for maintenance to: Inspect a minimum of 20% of the city-maintained structural controls annually and evaluate the need for maintenance

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 686.6 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/>

BMP	Description	Implementation Schedule (start date, etc.)	Status/Completion Date (completed, in progress, not started)
N/A	Hog Trapping	June 2022-present	In Progress
N/A	WWTP Expansion	May 2020-March 2023	The city upgraded/expanded the city's WWTP. The project is still in progress.

H. Additional Information

1. 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 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? **N/A**

___ Yes ___ No

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):

For FY22, the city received 29 Large NOIs and 3 Small CSNs within the city limits of Kyle.

- 2a. Does the permittee utilize the optional seventh MCM related to construction?

___ Yes ☒ No

- 2b. If "yes," then provide the following information for this permit year: **N/A**

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

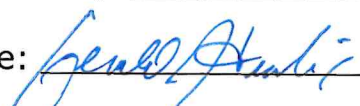
Note: Though the seventh MCM is optional, implementation must be requested on the NOI or on a NOC and approved by the TCEQ.

J. Certification

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).

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): Jerry Hendrix Title: Interim City Manager

Signature:  Date: 12/27/2022

Name of MS4: City of Kyle

If you have questions on how to fill out this form or about the Stormwater Permitting program, please contact us at 512-239-4671.

Individuals are entitled to request and review their personal information 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.