



City of Bryan, Texas  
Stormwater Management Program  
Year Four Annual Report

Prepared in accordance with TPDES General Permit TXR040000

December 30, 2022

**Phase II (Small) MS4 Annual Report Form**

**TPDES General Permit Number TXR040000**

**A. General Information**

Authorization Number: TXR040336

Reporting Year: 4

Annual Reporting Year Option Selected by MS4:

Fiscal Year: 2022

Reporting period beginning date: October 1, 2021

Reporting period end date: September 30, 2022

MS4 Operator Level: 3 Name of MS4: City of Bryan

Contact Name: Martin Zimmermann Telephone Number: 979.209.5030

Mailing Address: P O Box 1000, Bryan, TX 77805

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A copy of the annual report was submitted to the TCEQ Region: YES

Region the annual report was submitted to: TCEQ Region 9

**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)

Condition	Yes	No	Explain
Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.	X		
Permittee is currently in compliance with recordkeeping and reporting requirements.	X		
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	X		
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report.	X		

2. Provide a general assessment of the appropriateness of the selected BMPs.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1A: Public Outreach	Community Education	Yes. Simple activities such as fertilizing, vehicle maintenance, and home improvements adversely affect our environment when performed incorrectly. Targeting educational materials to inform residents of safe alternatives and good housekeeping practices concerning home and yard maintenance will aid in lowering stormwater impact by this element.
1B: Public Education	School Education	Yes. Students have the potential to impact stormwater and water quality in the MS4 and can positively affect their families' outlook. The City promotes stormwater education within the schools through service learning opportunities, participating in guest speaking opportunities, and by supporting Keep Brazos Beautiful (KBB) in its school education efforts.
1C: Public Education	Construction Site Operation Education	Yes. Inspections and education are a prime vehicle to advise operators of their responsibilities to the management of waste, erosion controls, and sediment as points of concern. As well as the implementation of erosion control plans to manage the degradation of water quality.

1D: Public Education	City Staff Education	Yes. Educational information is disseminated to City employees through electronic announcements, internet websites, new employee orientation, and group meetings. Public Works hosts monthly departmental meetings. Topics include illicit discharges, floatables and litter, proper management and disposal of used oil and household hazardous wastes, and proper use, application, and disposal of pesticides, herbicides, and fertilizers. Task-specific training is provided, as required, to personnel directly involved in spill prevention and response.
1E: Public Education	Public Participation / Volunteer Activities	Yes. This measure includes opportunities for a wide variety of people who live, work, and play in Bryan to participate in SWMP development and implementation. Additionally, this measure promotes community awareness and protection of stormwater quality through participation in the storm drain marking, litter cleanup, and stream monitoring.
2A: Illicit Discharge	Illicit Discharge Detection and Elimination	Yes. The City's Illicit Discharge Detection and Elimination practices are used to locate and remove prohibited discharges from entering the storm drainage system.
2B: Illicit Discharge	Storm Sewer Screening and Illicit Discharge Inspections	Yes. Inspections are conducted in response to complaints received regarding illicit discharges and/or improper waste disposal or are triggered in response to information obtained through dry weather screening of the storm sewer system.
2C: Illicit Discharge	Storm Sewer Map and Verification and Update	Yes. Maintaining an updated and accurate map of the storms sewer system is critical to providing timely emergency response for spills and detecting illicit discharges.
2D: Illicit Discharge	Household Hazardous Waste and Oil Recycling	Yes. Most households routinely use small amounts of pesticides, herbicides, fertilizers, automotive fluids, batteries, paints, and solvents in the day-to-day upkeep of their homes, apartments and condominiums. Improper disposal of these materials through trash collection or poured down the storm drain can result in unwanted impact to the environment.
2E: Illicit Discharge	Septic Tanks	Yes. Brazos County Health Department (BCHD) serves as the City's designated health official. The City maintains legal authority prohibiting use of a septic tank when public sewer service is available. The City and BCHD maintain a working relationship allowing co-review of septic tank applications to determine applicability before installation is granted. The City also maintains legal authority addressing closure requirements for failing septic tanks located within the city limits.
3A: Construction Run-Off	Construction Plan Review	Yes. Development Services records site plan reviews and approvals electronically. Each review allows multiple departments to audit proposed site development. Within the review process, drainage, stormwater controls, and erosion control plans are reviewed and checked for adequacy.



3B: Construction Run-Off	Inspection of Construction Sites and Enforcement of Control Measure Requirements	Yes. Erosion control and public complaints are checked throughout the construction process with results of inspections electronically databased in the NaviLine/HTE system, through a Microsoft Access database, and/or in PDF format and with photographic records. Inspecting sites for compliance reduces the possibility of pollutants and enforcement encourages compliance within the construction community.
3C: Construction Run-Off	Maintain Legal Authority and Guidelines	Yes. Ordinance was reviewed, but no changes or resolutions were made. The City maintains guidance documents and makes them available to construction and design professionals in printed form and on the City's website.
4A: Post-Construction	Bryan City Code Review and Updates	Yes. Ordinance was reviewed, but no changes or resolutions were made.
4B: Post-Construction	Establish Post-Construction Stormwater Management Program	Yes. Development Services Department records site plan reviews and approvals electronically. Within the review process, drainage, stormwater controls, and erosion control plans are viewed and checked for adequacy. Prior to the release of Certificates of Occupancy, inspectors examine the location for post-construction compliance based on approved plans. For large residential and commercial sites, a one-year warranty inspection is performed at which time owners must remedy deficiencies. If no deficiencies are noted, inspectors ensure all non-structural BMPs (e.g., silt fences) are removed. This post-construction enforcement keeps stormwater controls functioning and adequate. The City has a program to inspect stormwater detention ponds within the City annually.
4C: Post-Construction	Evaluation of Flood Control Projects	Yes. The City evaluates capital improvement projects each year that offer the potential to integrate water quality design features into flood management-focused design. Development projects are reviewed by the City's Site Development Review Committee and are required to provide stormwater detention if greater than one (1) acre for commercial and if greater than two (2) acres for single-family residential development. Proposed alternatives to stormwater detention must prove why detention would be detrimental. Exemptions to detention are only potentially permissible low in the watershed, adjacent to primary systems where detention would cause stacking of peak flows in the watershed.
4D: Post-Construction	Implementation and Performance of Structural /Non-Structural	Yes. The detention pond inspection program was certified and 27 stormwater pond inspections were performed during this permit term.

5A: Pollution Prevention & Housekeeping	Municipal Facilities Identification	Yes. The City maintains standard operating procedures for general good housekeeping, equipment washing, fueling operations and vehicle maintenance, and chemical application. Furthermore, City-owned facility assessments are performed one time per period term.
5B: Pollution Prevention & Housekeeping	Training for Municipal Employees	Yes. City employees are trained on proper procedures for reporting, containing spills, and preventing pollutants from entering the storm drains. The combination of monthly group meetings and area-specific focused meetings are used to satisfy the requirement of this element.
5C: Pollution Prevention & Housekeeping	Contractor Training Oversight	Yes. Contractors hired by the City for maintaining City-owned facilities are required to comply with good housekeeping practices, stormwater control measures, and facility-specific stormwater management procedures.
5D: Pollution Prevention & Housekeeping	Waste Management	Yes. Preventing environmental upset through waste management is as important for protecting the health and sanitation of the community. Disposal of regulated wastes such as motor oils, oil filters, automotive fluids, etc. used by the City are managed through contract or agreement with a service provider.
5E: Pollution Prevention & Housekeeping	Pesticides, Herbicides and Fertilizer Application	Yes. Minimizing discharge of pollutants related to storage and application of pesticides, herbicides and fertilizers applied by City staff or contractors to public rights-of-way, parks, and other public property is a key component to protecting water quality.
5F: Pollution Prevention & Housekeeping	Street Sweeping	Yes. Street sweeping is performed to limit litter and dust/dirt along public streets, public parking lots, and right-of-ways from being washed into the storm drain. Road debris from traffic flow can add to sediment loading of the storm drain if not properly managed.
5G: Pollution Prevention & Housekeeping	Grass Clippings, Leaf Litter, and Animal Waste	Yes. Grass clippings, leaf litter and animal wastes are addressed through several different initiatives to limit biological wastes and nutrients discharges into the MS4. The TMDL I-Plan establishes control measures to address bacteria within the permit area. Existing ordinances will be continually reviewed and revised as needed to ensure success of this measure.
5H: Pollution Prevention & Housekeeping	Road and Parking Lot Maintenance	Yes. Control of sediment and debris from municipally owned road and parking lot maintenance is addressed through several different initiatives. Operating standards for road repair and maintenance (City and contractor) are established to protect water quality.
5I: Pollution Prevention & Housekeeping	Cold Weather Conditions	Yes. Application of salt or sand to roadways and sidewalks is performed on a limited basis.

5J: Pollution Prevention & Housekeeping	Spill Response	Yes. The City responds to spills and employs spill prevention procedures/practices for proper handling, storage, and disposal of hazardous and non-hazardous materials. HAZMAT services are used for circumstances requiring specialized handling and disposal of waste.
5K: Pollution Prevention & Housekeeping	WWTP Performance	Yes. A waste load allocation of 36.25 CFU/100 mL is established in the Carters Creek TMDL I-Plan for <i>E. coli</i> loading associated effluent discharges from the Burton Creek WWTP. Proper operation and maintenance of each WWTP plays a key role in reducing <i>E. coli</i> loading to each plant's receiving stream.
6A: MS4 Maintenance Activities	System Repair and Maintenance	Yes. Structural controls within the MS4 that are owned, operated and maintained by the City include the conveyances (creeks and channels) and engineered control systems (drainage inlets and piping systems, culverts, and detention and retention ponds). Ongoing operations and maintenance of these structural controls reduce the discharge of pollutants from the MS4.
6B: MS4 Maintenance Activities	Water Quality and Flood Control Structures	Yes. Structural controls within the MS4 that are owned, operated and maintained by the City include the conveyances (creeks and channels) and engineered control systems (drainage inlets and piping systems, culverts, and detention and retention ponds). Ongoing operations and maintenance of these structural controls reduce the discharge of pollutants from the MS4.
6C: MS4 Maintenance Activities	Floatables	Yes. Structural controls, litter abatement programs are in place to reduce discharge of floatables into the MS4. Floatables removal improves surface water quality, channel aesthetics, and drainage system conveyance.
6D: MS4 Maintenance Activities	Litter Abatement	Yes. The City collaborates with Keep Brazos Beautiful (KBB) for (1) promoting educational awareness regarding environmental stewardship, (2) coordinating volunteer efforts in litter collection, and (3) benchmarking aesthetics for city streets and right-of-ways.



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.

<b>MCM</b>	<b>BMP</b>	<b>Information Used</b>	<b>Quantity</b>	<b>Units</b>	<b>Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)</b>
1	Community Education	Outreach Opportunities	Common Code Violations (publication) Down Stream (publication)	Publications and Events	Yes. Emphasis on public education is focused towards illegal dumping and general usage of the sewer system. Work order history combined with system overflows show a reduction in illicit discharges and system overflows. Education focusing on construction BMPs and safeguards to mitigate impact to water quality is provided.
2	Illicit Discharge & Elimination	Overflows/ Releases	a. 54 b. 409 c. 14	a. SSOs b. Defects Found c. Miles of Pipe Tested	Yes. The City submitted an SSOI Application to TCEQ for program enrollment. Approval is pending TCEQ approval. The City has implemented its SSOI plan by completing a CMOM Self Audit and 3 <sup>rd</sup> party smoke testing of the Burton Creek service basin. Study efforts have begun for the Still Creek service basin.
3	Construction Site Management	Plans Reviewed	984	Permits Issued	Yes. By inspecting construction sites, we can evaluate if proper BMPs are in place to reduce sediment discharge and erosions.
4	Construction Site Management	Post-Construction Controls	3	Inspections	Yes. Commercial and Residential subdivisions having public infrastructure associated with them (3) were inspected at the 1-year warranty period; 27 detention pond inspections were performed.



5	Training for Municipal Employees	Employees Trained	204 (represents training completed in FY2021); plus 31 in FY22 in Development Services, Engineering Services, Traffic Services	Employees Trained	Yes. Training on topics relating to MS4 increase employee education and awareness to permit conditions and responsibilities. City-wide training is forecasted for FY2023.
6	System Screening	Inlet Inspections	662	Inspections	Yes. Inlet inspections are databased through work order history. Work orders deter illicit discharges in the future by allowing utility managers the ability to track current and previous conditions/ occurrences of an individual inlet.

4. Provide the measurable goals for each of the MCMs, and an evaluation of the success of the implementation of the measurable goals.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.																																
1A: Public Outreach	<p>a. Number of PSAs created</p> <p>b. Traffic count (website, application, media, etc.)</p> <p>c. Number of media avenues utilized</p> <p>d. Number of promotional items purchased</p> <p>e. Number of dual language materials created</p> <p>f. Percentage of outreach materials offered in dual language</p>	<p>a. 0</p> <p>b. Web traffic tracked by Google Analytics. Traffic count:</p> <table><thead><tr><th>Web Page</th><th>FY21 Page Views</th><th>FY22 Page Views</th><th>% Change</th></tr></thead><tbody><tr><td>Code Enforcement</td><td>8,543</td><td>5,357</td><td>-37.29%</td></tr><tr><td>Permits</td><td>16,280</td><td>8,706</td><td>-46.52%</td></tr><tr><td>Building Services</td><td>9,419</td><td>5,867</td><td>-37.71%</td></tr><tr><td>Building Design</td><td>979</td><td>626</td><td>-21.46%</td></tr><tr><td>Building FAQ</td><td>2,966</td><td>1,555</td><td>-47.57%</td></tr><tr><td>Environmental Services</td><td>67,657</td><td>31,774</td><td>-53.0%</td></tr><tr><td>Stormwater Management</td><td>967</td><td>579</td><td>-40.12%</td></tr></tbody></table> <p>c. City of Bryan Channel 16, City of Bryan Website, and City of Bryan social media pages are used as outreach to the public.</p> <p>d. A measured matrix for this element was not recorded. Materials distributed consisted on remaining inventory from prior years.</p> <p>e. 4</p> <p>f. 100%</p>	Web Page	FY21 Page Views	FY22 Page Views	% Change	Code Enforcement	8,543	5,357	-37.29%	Permits	16,280	8,706	-46.52%	Building Services	9,419	5,867	-37.71%	Building Design	979	626	-21.46%	Building FAQ	2,966	1,555	-47.57%	Environmental Services	67,657	31,774	-53.0%	Stormwater Management	967	579	-40.12%
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1B: Public Education	<p>a. Number of presentations</p> <p>b. Number of school events attended</p> <p>c. Percentage of outreach materials offered in dual language</p>	<p>a. Four (4) treatment plant tours, Neighborhood Night Out (community-wide), Habitat for Humanity New Homeowner's Meeting.</p> <p>b. 0</p> <p>c. 100% for the four brochures referenced above. City of Bryan website is ADA compliant and provides site visitors with translation opportunity.</p>																																
1C: Public Education	<p>a. Number of pre-construction meetings performed</p> <p>b. Number of outreach materials distributed</p>	<p>a. 55 pre-construction meetings, 12 Capital Improvement Projects.</p> <p>b. 28</p>																																

1D: Public Education	<ul style="list-style-type: none"> <li>a. Number of employees trained in SWMP</li> <li>b. Number of training sessions completed</li> <li>c. Number of employees trained in multi-sector permit</li> </ul>	<ul style="list-style-type: none"> <li>a. 204 (completed in FY2021) plus 31 in FY22 in Development Services, Engineering Services, Traffic Services. Training is forecasted for FY2023.</li> <li>b. 1 – multisector training completed for wastewater treatment</li> <li>c. 18</li> </ul>
1E: Public Education	<ul style="list-style-type: none"> <li>a. Number of cleanups performed by volunteers</li> <li>b. Number of volunteer sampling events (TMDL)</li> <li>c. Website updated</li> </ul>	<ul style="list-style-type: none"> <li>a. 30 cleanups were performed by volunteers. Sites cleaned include 5 roadways, Downtown Bryan, Bryan High School, and 10 parks.</li> <li>b. TDML project has completed. No sampling events have been performed. Control measure will be retained for reconnaissance performed by the City or other.</li> <li>c. City of Bryan website is updated annually with the submitted annual report.</li> </ul>
2A: Illicit Discharge	<ul style="list-style-type: none"> <li>a. Number of illicit discharge sources identified and corrected</li> <li>b. Number and types of illicit discharge related to work order type requests issued</li> <li>c. TCEQ SSO Initiative objectives met</li> </ul>	<ul style="list-style-type: none"> <li>a. 921 (512 sewer/water cases, 400 private defects, 9 sewer main defects)</li> <li>b. 921 (512 sewer/water cases, 400 private defects, 9 sewer main defects)</li> <li>c. SSOI term completed. Enrollment into the program was requested. TCEQ acceptance remains pending. Water Services has begun implementation SSOI objectives to remain consistent with its pending SSOI application. A CMOM Self Audit was completed. Burton Creek service area was studied. Still Creek service area study is underway. PO#220863 (\$426,763 to date) and PO#200913 (\$777,092).</li> </ul>



2B: Illicit Discharge	<ul style="list-style-type: none"> <li>a. Number of Sanitary Sewer Overflows (SSO)</li> <li>b. Miles of sanitary sewer pipe cleaned</li> <li>c. Miles of pipe inspected for root invasion</li> <li>d. Number of sewer sub-basins inspected using smoke testing</li> <li>e. Number of private side sewer defects identified and repaired</li> <li>f. Number of public side sewer defects identified and repaired</li> <li>g. Number of grease traps inspected</li> <li>h. Number of educational events attended</li> <li>i. Number of educational materials distributed</li> <li>j. TCEQ SSO initiative objectives met</li> </ul>	<ul style="list-style-type: none"> <li>a. 54</li> <li>b. 98</li> <li>c. 198</li> <li>d. 9+</li> <li>e. 400</li> <li>f. 9</li> <li>g. 483</li> <li>h. 4</li> <li>i. Items were not distributed.</li> <li>j. SSOI term completed. See response provided above – 2A Illicit Discharge.</li> </ul>
2C: Illicit Discharge	<ul style="list-style-type: none"> <li>a. Number and types of updates to asset inventory and map</li> <li>b. Number of manholes and inlets inspected</li> <li>c. GIS layer updated and current</li> </ul>	<ul style="list-style-type: none"> <li>a. Assets are updated to GIS in real-time. Changes made to GIS are driven by field observations and new construction.</li> <li>b. 662 inlets were inspected this reporting period.</li> <li>c. GIS is updated daily to reflect changes and/or additions made to the water and sewer system base maps.</li> </ul>

2D: Illicit Discharge	<ul style="list-style-type: none"> <li>a. Participation rates per HHW reporting year</li> <li>b. Number of HHW events hosted per year</li> <li>c. Volume of used motor oil and cooking oil recycled</li> </ul>	<ul style="list-style-type: none"> <li>a. Traffic Count: Fall event - October 2021 (1,981 vehicles) and Spring event – April 2022 (1,900 vehicles). Total of 3,881 vehicles.</li> <li>b. 2</li> <li>c. 3,740 gallons of used oil from DIY Oil Center and Fleet, 5,100 gallons of cooking grease from DIY Oil Center.</li> </ul>
2E: Illicit Discharge	<ul style="list-style-type: none"> <li>a. Number of septic tanks removed from service in city limits</li> <li>b. Number of enforcement actions against septic tanks located in the city limits</li> </ul>	<ul style="list-style-type: none"> <li>a. 0</li> <li>b. 3 complaints were submitted to the County Health District. No new permits were processed for OSSF installations in the City of Bryan.</li> </ul>
3A: Construction Run-Off	<ul style="list-style-type: none"> <li>a. Number of outreach materials distributed</li> <li>b. Number of dual language materials created</li> <li>c. Number of Site Development Review cases</li> <li>d. Number of Building Permits issued</li> <li>e. Number of designed Capital Improvement Projects – percentage of Capital Improvement Projects with SWPPP</li> <li>f. Number of engineered construction plans related to public infrastructure</li> <li>g. Number of small residential construction site plans reviewed</li> </ul>	<ul style="list-style-type: none"> <li>a. 56</li> <li>b. 0</li> <li>c. 201</li> <li>d. 984 homebuilding</li> <li>e. 12 Capital Improvement Projects went to construction in FY21-22; out of those 12, 3 were complete in FY21-22. 9 Capital Projects are in design and will have SWPPP requirements when they bid; 100% of the Capital Projects have SWPPP requirements.</li> <li>f. 48</li> <li>g. 1,050 single- and multi-family dwelling.</li> </ul>

3B: Construction Run-Off	<ul style="list-style-type: none"> <li>a. Number of complaint-driven inspections</li> <li>b. Number of engineered construction plans related to public infrastructure reviewed</li> <li>c. Number, type, and location of inspections completed</li> <li>d. Number of inspections needing improvement vs. total number of inspections</li> <li>e. Number of enforcement actions enacted</li> <li>f. Small residential construction sites inspected</li> </ul>	<ul style="list-style-type: none"> <li>a. 2</li> <li>b. 48</li> <li>c. 6,405 homebuilding (common plan of development located within the City limits)/development &amp; commercial (Stormwater Quality Inspector/Building Inspectors) and 140 Development/CIP (Engineering Inspectors).</li> <li>d. 969 non-compliant of 1,470 total inspections as of March 2022; the actual number of inspections needing improvement was higher, however, following the departure of the Stormwater Quality Inspector in late March 2022, City has been unable to find a qualified individual to hire for the position; no written records were kept by Building Inspectors who continue stormwater inspections; stormwater-related improvement requirements were communicated verbally and inspection/CO approvals held until satisfactory compliance was achieved.</li> <li>e. 969 written reports of non-compliant inspections were sent out and corrections were made October 2021 – March 2022; no written records were kept by Building Inspectors April – September 2022; improvement requirements were communicated verbally and inspection/CO approvals held until satisfactory compliance was achieved.</li> <li>f. 5,436 inspection were completed and were either homebuilding or development.</li> </ul>
3C: Construction Run-Off	<ul style="list-style-type: none"> <li>a. Number of ordinances reviewed</li> <li>b. Number of ordinance amendments made or new ordinance adopted</li> </ul>	<ul style="list-style-type: none"> <li>a. 1 – Bryan Code of Ordinances Chapter 46 Article III. – Municipal Stormwater Management.</li> <li>b. 0</li> </ul>



4A: Post-Construction	<ul style="list-style-type: none"> <li>a. Number of ordinances reviewed</li> <li>b. Number of ordinances modified</li> <li>c. Number of new ordinances adopted</li> </ul>	<ul style="list-style-type: none"> <li>a. 1 – Bryan Code of Ordinances Chapter 46 Article III. – Municipal Stormwater Management.</li> <li>b. 0</li> <li>c. 0</li> </ul>
4B: Post-Construction	<ul style="list-style-type: none"> <li>a. Database established</li> <li>b. Number of site inspections performed</li> <li>c. Number of enforcement actions enacted</li> <li>d. Evaluate continued operation and maintenance practices</li> <li>e. Develop written procedures for enforcement and management mechanisms for post-construction stormwater management</li> </ul>	<ul style="list-style-type: none"> <li>a. Database established in 2019 is no longer used; an online inspection system was evaluated in FY2021 but not implemented; in June 2022, the City began implementing a new online permitting software (CitizenServe) which is expected to go live in June 2023; the permitting/inspection process will be evaluated as part of this project with the goal to improve reporting/inspection capabilities.</li> <li>b. 2,440 homebuilding, development, and commercial inspections and 140 development/CIP and 1,602 structural inspections.</li> <li>c. 0 – voluntary compliance on issues noted; 969 written reports of non-compliant inspections were sent out and corrections were made October 2021 – March 2022; no written records were kept by Building Inspectors April – September 2022; improvement requirements were communicated verbally and inspection/CO approvals held until satisfactory compliance was achieved.</li> <li>d. In June 2022, the City began implementing a new online permitting software (CitizenServe) which is expected to go live in June 2023; the permitting/inspection process will be evaluated as part of this project with the goal to improve reporting/inspection capabilities.</li> <li>e. A draft SOP has been prepared; procedures will be combined with other departments to produce a complete document.</li> </ul>

4C: Post-Construction	<ul style="list-style-type: none"> <li>a. Number of flood control and drainage construction projects with water quality measures initiated</li> <li>b. Number of flood control and drainage construction projects with water quality measures completed</li> <li>c. Types and locations of measures implemented</li> <li>d. Evaluate continued operation and maintenance practices</li> </ul>	<ul style="list-style-type: none"> <li>a. 34</li> <li>b. 8</li> <li>c. There were 12 projects that have gone through the design process and 4 have been completed; there are 9 projects planned in the next reporting period; detention pond inspections continued throughout this term and will continue in future terms.</li> <li>d. A total of 27 ponds inspections were performed for existing facilities, with the goal to perform inspections on a 3-year rotation.</li> </ul>
4D: Post-Construction	<ul style="list-style-type: none"> <li>a. Number of new and redevelopment projects over 1 acre</li> <li>b. Number, type(s) and locations of LID features implemented at City facilities</li> <li>c. Evaluate continued operation and maintenance practices</li> </ul>	<ul style="list-style-type: none"> <li>a. 33</li> <li>b. 0</li> <li>c. Ongoing.</li> </ul>

5A: Pollution Prevention & Housekeeping	<ul style="list-style-type: none"> <li>a. Applicable facilities identified</li> <li>b. Database created</li> <li>c. GIS layer created</li> <li>d. Facility assessments complete</li> </ul>	<ul style="list-style-type: none"> <li>a. City-owned facilities identified, databased, and mapped. The City-owned facility inventory, is updated as changes are made.</li> <li>b. Yes</li> <li>c. Yes</li> <li>d. 0</li> </ul>
5B: Pollution Prevention & Housekeeping	<ul style="list-style-type: none"> <li>a. Number of employees trained in SWMP</li> <li>b. Number training sessions completed</li> <li>c. Number of employees trained in multi-sector permit</li> </ul>	See I.D above.
5C: Pollution Prevention & Housekeeping	<ul style="list-style-type: none"> <li>a. Number of contractors educated on City's SWMP</li> <li>b. Number of outreach materials completed</li> <li>c. Number of contractor forms completed for not meeting contact obligations</li> </ul>	<ul style="list-style-type: none"> <li>a. 4 (Public works = ROW moving, plant mowing, code mowing, parks mowing vegetation control)</li> <li>b. (1) 2-Documents exist for contractor education: Keep it Clean, General Construction and Site Supervision to Improve Stormwater Quality – (2) City's website and (3) Bryan / College Station Unified Design Standards. See Section 4, MCM 1 for web traffic information.</li> <li>c. 0</li> </ul>



5D: Pollution Prevention & Housekeeping	<ul style="list-style-type: none"> <li>a. Number of City-sponsored in-house recycling efforts (city administration)</li> <li>b. Number of waste types recycled</li> <li>c. Percentage of facilities covered by a SOP and the number of inspections performed to verify SOP execution</li> </ul>	<ul style="list-style-type: none"> <li>a. 4: City Hall, Municipal Services Center, Parks and Recreation, and BTU Administration. WWTP sludge and green waste collected from the right-of-way is used as a bio-solid compost feedstock.</li> <li>b. Office paper, oil, oil filters, fluorescent bulbs, vehicle fluids, brass and misc. water fittings, printer cartridges, computer and E-waste represent typical waste-streams recycled. Green waste = 4,656 tons. WWTP Sludge = 1,425.24 dry metric tons.</li> <li>c. 7 facility assessments were performed this year: Fountain Street Fuel, MSC Fuel, MSC Facility, Parks/Facilities Building, Burton Creek WWTP, Still Creek WWTP, and Thompsons Creek WWTP. SOPs are established for high-risk facilities and those operations having direct impact to stormwater quality. SOPs are not established for non-exposure facilities such as administrative buildings. 15-SOPs have been established and are based on practices not at a specific facility (with the exception of high-risk facilities regulated under the TXR050000). These figures are not reflective of BTU facilities.</li> </ul>
5E: Pollution Prevention & Housekeeping	<ul style="list-style-type: none"> <li>a. SOP completed</li> <li>b. Schedule completed</li> <li>c. Number of licensed applicators employed by the City</li> </ul>	<ul style="list-style-type: none"> <li>a. SOPs completed.</li> <li>b. General guidance for application and use is found in the SOP. Frequency and occurrence for application is based upon season and weather.</li> <li>c. 4</li> </ul>
5F: Pollution Prevention & Housekeeping	<ul style="list-style-type: none"> <li>a. Number of street miles swept</li> <li>b. Volume of debris collected through sweeping</li> </ul>	<ul style="list-style-type: none"> <li>a. All streets with a curb are scheduled to be swept 4 times per year. Over 3,000 miles of street were swept. Staffing and equipment outage prevented the above-listed schedule to be met. 30 citizen requested sweep orders were completed. Citizen orders are added to the scheduled sweeping frequency.</li> <li>b. ~1,040 yards of waste.</li> </ul>
5G: Pollution Prevention & Housekeeping	<ul style="list-style-type: none"> <li>a. Number of outreach materials created</li> <li>b. Number of PSAs created</li> <li>c. Percentage of City parks providing animal waste stations</li> </ul>	<ul style="list-style-type: none"> <li>a. Continuation of existing practices. Website maintained to include GIS layer pinpointing completed work orders for sewer leaks, code enforcement cases, and public works-related job orders.</li> <li>b. 0 new PSAs created – continuation of existing practices.</li> <li>c. 50%. Installation of the stations is determined by park age and size.</li> </ul>

5H: Pollution Prevention & Housekeeping	<ul style="list-style-type: none"> <li>a. SOPs completed</li> <li>b. Number of deicing events (location and volume)</li> <li>c. Number of road projects completed (maintenance)</li> </ul>	<ul style="list-style-type: none"> <li>a. SOPs completed (Traffic/Water/Environmental Services): Fuel Islands, Fertilizer/Herbicide/Pesticide, Wastewater Plants (TXR05000), Street Repair, Vehicle Washing, and Parking Lot Maintenance.</li> <li>b. 0</li> <li>c. 135 road projects completed. 183 concrete patches completed. 79 in house road repairs completed (asphalt). 208 potholes completed. 72 sewer utility cuts completed. 121 water utility cuts completed.</li> </ul>
5I: Pollution Prevention & Housekeeping	<ul style="list-style-type: none"> <li>a. Number of city employees trained in spill response</li> <li>b. Number of spill events requiring response</li> </ul>	<ul style="list-style-type: none"> <li>a. The Bryan Fire Department (145) serves as the City's lead for emergency response and site containment.</li> <li>b. Bryan Fire Department maintains an inventory record for dispatch calls and response. 15 responses requiring spill/containment response were recorded.</li> </ul>
5J: Pollution Prevention & Housekeeping	<ul style="list-style-type: none"> <li>a. TPDES Discharge Permit met</li> <li>b. Discharge monitoring reports submitted</li> </ul>	<ul style="list-style-type: none"> <li>a. Permit compliance met for WWTPs. TCEQ granted reduced sample frequency for <i>E. coli</i> at Burton Creek, Still Creek, and Thompsons Creek WWTPs.</li> <li>b. Monthly and reclaimed water discharging monitoring reports submitted monthly.</li> </ul>
6A: MS4 Maintenance	<ul style="list-style-type: none"> <li>a. Number of pipe areas scheduled for maintenance</li> <li>b. Number of repairs completed</li> <li>c. GIS layer created</li> <li>d. Database created</li> <li>e. Number of roadside ditches and culverts repaired</li> <li>f. Number of roadside culverts replaced</li> <li>g. Number of maintained ponds / stormwater inspected</li> </ul>	<ul style="list-style-type: none"> <li>a. Maintenance is not forecasted for pipe. Performed work on pipe is driven by findings from manhole and inlet inspections.</li> <li>b. ~ 350ft. of pipe has been repaired; 1 creek bank was reclaimed; and no material was hauled out.</li> <li>c. GIS layer is established and updated by projects are complete</li> <li>d. GIS layer is a database of new installed or existing inspected pipes. The actual inspection record is kept in the work order system. When rehab projects change pipe segments, the GIS layer is updated usually within 1 year to reflect the changes.</li> <li>e. 47 ditches and culverts were repaired.</li> <li>f. 0</li> <li>g. 17</li> </ul>

6B: MS4 Maintenance	<ul style="list-style-type: none"> <li>a. Number of inlets protected</li> <li>b. Number of events where litter intervention is provided</li> <li>c. Number of stream and creek cleanup events</li> </ul>	<ul style="list-style-type: none"> <li>a. 4,170 inlets citywide have a stormwater quality notice posted on the inlet.</li> <li>b. 30 community cleanup events completed through KBB, at various locations throughout the City. COVID 19 influences community cleanup events. Clean up of illegal dumpsites and non-point litter/debris located within the public right-of-way is a shared duty between Solid Waste and Code Enforcement. Downtown Bryan is cleaned weekly for trash and litter. This effort is inclusive of ~100 miles of swept road. Trustee labor is now used to assist in community cleanups and system maintenance for correction of issues located on public property. \$45,000 is budgeted for trustee labor to assist in cleanup and system maintenance for public rights-of-way.</li> <li>c. ~1,040 yards of waste are collected and removed through street sweeping (4 yds. /day x 2 trucks). Waste associated with tree trimming and right-of-way clearance is not tracked.</li> </ul>
6C. MS4 Maintenance	<ul style="list-style-type: none"> <li>a. Number of cleanup events participated in by City staff</li> <li>b. Number of KBB-led events performed</li> <li>c. Number of stream and creek cleanup events</li> <li>d. Number of Solid Waste Assessment Workers Employed</li> </ul>	<ul style="list-style-type: none"> <li>a. 3 community cleanup events completed through KBB. Clean up of illegal dumpsites and non-point litter/debris located within the public right-of-way is a shared duty between Solid Waste and Code Enforcement.</li> <li>b. 30 volunteer cleanups were completed by KBB at various locations throughout the City. COVID 19 influences community cleanup events.</li> <li>c. No stream cleanups completed this reporting period.</li> <li>d. 3 fulltime employees are hired to preform litter collection and removal from the right-of-way.</li> </ul>

### 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 of Bryan performs visual inspections and cleaning of its inlets and storm sewer system, conducts smoke testing and dry weather inspections to indemnify illicit connections, and performs scheduled sweeping of its streets and right-of-ways. This allows for detection of possible issues including sanitary sewer leaks, illicit discharging or illegal dumping.**



#### **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.

**None.**

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.

**Indicators of success regarding measures relating to *E. coli* will include: (1) number of sources identified or eliminated, (2) decrease in number of illegal dumping cases, (3) increase in reporting of illegal dumping, (4) number of educational opportunities conducted, (5) reduction in sanitary sewer overflows, and (6) increase in illegal discharge detection through dry screening.**

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

**See D.2 above.**

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

Benchmark Parameter  (Ex: Total Suspended Solids)	Benchmark Value	Description of additional sampling or other assessment activities	Year(s) conducted
Bacteria ( <i>E. coli</i> )	5.217 MPN/day	WWTP effluent discharged to the impacted segments is used as a performance marker. The TPDES permit for each facility allows 120 MPN/day (avg) and 381 MPN/day (max). Actual performance is from each facility is significantly below the TPDES-allowed discharge limits as reported in the monthly DMR.  Other indicators of success regarding measures relating to <i>E. coli</i> will include for non-point sources include: (1) number of sources identified or eliminated, (2) number of illegal dumping cases, (3) reporting of illegal dumping, (4) number of educational opportunities conducted, (5) reduction in sanitary sewer overflows, and (6) illegal discharge detection through dry screening.	2019 2020 2021 2022
Bacteria ( <i>E. coli</i> )	116.7 MPN/day		
Bacteria ( <i>E. coli</i> )	2.69.8 Billion MPN/day		

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> )	Sanitary sewer overflows (SSOs)	SSOs are point sources for <i>E. coli</i> . Measurement of system maintenance and operations (roots, grease, lift stations, etc.)
Bacteria ( <i>E. coli</i> )	Dry weather screening of storm sewer system	Identification of illicit discharges and connections to the storm sewer system. Elimination of non-stormwater discharges to the MS4.

Bacteria ( <i>E. coli</i> )	Illegal dumping and prohibited discharge enforcement	Citizen engagement by reporting of violations and concerns relating to water quality. Elimination of contribution sources of <i>E. coli</i>
Bacteria ( <i>E. coli</i> )	Sanitary sewer system maintenance and inspection	Identification of sewer defects (public and private). Coordination of repairs to less <i>E. coli</i> contribution associated with sanitary sewer overflows and releases.

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

Description of bacteria-focused BMP	Comments/Discussion
Sanitary sewer overflows (SSOs)	SSO frequency FY2022 (54) compared with the previous FY2021 (41).
Dry weather screening of storm sewer system	660 inlet and manhole inspections were completed.
Illegal dumping and prohibited discharge cases worked	Nuisance cases (FY2022) from 807 (FY2021)  Waste Collection cases 740 (FY2022) from 650 (FY2021)  Water/Sewer cases 512 (FY2022) from 276 (FY2021)
Sanitary sewer system maintenance and inspection	Miles of Pipe Cleaned: 98 (FY2022) from (FY2021) 86  Miles of Pipe Inspected: 14 (FY2022) from (FY2021) 109

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 dumping cases;
- 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
Not applicable	Not applicable

#### E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	Stormwater Activity	Description/Comments
1A: Public Outreach	Community Education	<ul style="list-style-type: none"> <li>▪ Review existing outreach</li> <li>▪ Continuation of outreach</li> <li>▪ Brainstorm topics and ideas</li> <li>▪ Brainstorm new media avenues</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.
1B: Public Education	School Education	<ul style="list-style-type: none"> <li>▪ Continue existing outreach program with schools</li> <li>▪ Evaluate existing programs for program expansion</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term. BEE Bins are no longer utilized for education. This program and measure will be evaluated and amended as needed.



1C: Public Education	Construction Site Operator Education	<ul style="list-style-type: none"> <li>▪ Continuation of existing programs and services</li> <li>▪ Evaluate outreach materials and modify as needed</li> <li>▪ Complete annual multi-sector training for affected staff</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.
1D: Public Education	City Staff Education	<ul style="list-style-type: none"> <li>▪ Evaluate training materials and modify as needed</li> <li>▪ Complete annual multi-sector training for affected staff</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.
1E: Public Education	Public Participation /Volunteer Activities	<ul style="list-style-type: none"> <li>▪ Continuation of existing programs and services</li> <li>▪ Brainstorm avenues for increasing public participation</li> <li>▪ Update website with Annual Report</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.
2A: Illicit Discharge	Illicit Discharge Detection and Elimination	Implement training program for illicit discharge investigation and elimination	This MCM is a continuous effort that will be performed for the remainder of the permit term.
2B: Illicit Discharge	Storm Sewer Screening and Illicit Discharge Inspections	<ul style="list-style-type: none"> <li>▪ Continuation of existing programs and services</li> <li>▪ Identify and correct illicit discharge /connections</li> <li>▪ Establish training for illicit discharge investigation and elimination</li> <li>▪ Facilitate mechanism for reporting and response to residential concerns regarding illegal dumping and discharge of non-stormwater materials</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.

2C: Illicit Discharge	Storm Sewer Screening and Illicit Discharge Inspections	<ul style="list-style-type: none"> <li>▪ Continuation of existing programs and services</li> <li>▪ Identify and correct illicit discharge/connections</li> <li>▪ Establish training program for illicit discharge investigation and elimination</li> <li>▪ Facilitate mechanism for reporting and response to residential concerns regarding illegal dumping and discharge of non-stormwater materials</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.
2D: Illicit Discharge	Sanitary Sewer Overflows and Infiltration	<ul style="list-style-type: none"> <li>▪ Continuation of existing programs and services</li> <li>▪ Identify and correct illicit discharge/connections</li> <li>▪ Establish training program for illicit discharge investigation and elimination</li> <li>▪ Facilitate mechanism for reporting and response to residential concerns regarding illegal dumping and discharge of non-stormwater materials</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.
2E: Illicit Discharge	Storm Sewer Map Verification and Update	<ul style="list-style-type: none"> <li>▪ Inspect and verify condition of outfall and water quality</li> <li>▪ Inspect and verify condition of manholes and inlets (20% of system)</li> <li>▪ Expansion and maintenance of GIS layers</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.
2F: Illicit Discharge	Household Hazardous Waste and Oil Recycling	<ul style="list-style-type: none"> <li>▪ Continuation of used oil recycling services</li> <li>▪ Increase marketing and outreach of recycling services</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.
2G: Illicit Discharge	Septic Tanks	Continuation of application review with BCHD	This MCM is a continuous effort that will be performed for the remainder of the permit term.
3A: Construction Run Off	Construction Plan Review	Continuation of Site Development Review and plans review process for Capital Improvement Projects	This MCM is a continuous effort that will be performed for the remainder of the permit term.

3B: Construction Run Off	Inspection of Construction Sites and Enforcement of Control Measure Requirements	Continuation of inspection protocol – stormwater quality inspections are performed during plumbing rough-in, driveway, and building final inspections	Following the departure of the Stormwater Quality Inspector in late March 2022, City has been unable to find a qualified individual to hire for the position; Building Inspectors continue stormwater inspections. Building Inspectors meet with contractors/builders/homeowner as needed to resolve issues and raise awareness. Contractors are required to follow the TPDES General Permit requirement and SWPPP associated with their projects.
3C: Construction Run Off	Maintain Legal Authority and Guidelines	<ul style="list-style-type: none"> <li>▪ Review existing ordinances and control mechanisms for conformance relating to General Permit requirements</li> <li>▪ Internal planning and discussion</li> <li>▪ Amend or propose new ordinance language where needed</li> </ul>	Code of Ordinance Chapter 46 was reviewed in FY2022, but no changes were made. Erosion control plans are reviewed for compliance with TCEQ requirements.
4A: Post Construction	Bryan City Code Review and Updates	Identify needed change to Bryan City Code with regard to federal state, and local environmental regulations and design practices	This MCM is a continuous effort that will be performed for the remainder of the permit term.
4B: Post Construction	Establish Post-Construction Stormwater Management Program	<ul style="list-style-type: none"> <li>▪ Continuation of existing programs and focus</li> <li>▪ Development of written procedures for enforcement and management mechanisms for post-construction stormwater</li> <li>▪ Review data acquisition procedures and revise as necessary</li> <li>▪ Track number of new development and redevelopment projects meeting MS4 monitoring requirements</li> <li>▪ Document enforcement actions enacted</li> </ul>	Written procedures are in development and are envisioned to be completed with our new permit. Participating departments will continue to coordinate in the creation of SOPs for post construction.

4C: Post Construction	Evaluation of Flood Control Projects	<ul style="list-style-type: none"> <li>Continuation of existing programs and focus</li> <li>Evaluate City Capital Improvement projects for flood control on a case by case basis to assess feasibility of incorporating stormwater controls to address water quality</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term. Detention pond inspection program has continued and will continue through future permit terms.
5A: Pollution Prevention & Housekeeping	Municipal Facilities Identification	<ul style="list-style-type: none"> <li>Continue to draft facility SOPs</li> <li>Create inspection/assessment form</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.
5B: Pollution Prevention & Housekeeping	Training for Municipal Employees	<ul style="list-style-type: none"> <li>Continuation of existing programs and focus</li> <li>Perform department-specific annual training of staff execution of the City's SWMP</li> <li>Complete annual multi-sector training for affected staff</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.
5C: Pollution Prevention & Housekeeping	Contractor Training Oversight	<ul style="list-style-type: none"> <li>Revise bid and contract documents to include contractor performance requirements relating to SWMP</li> <li>Utilize mandatory pre-bid meetings as outreach (as necessary)</li> <li>Establish protocol for documenting contractor training</li> <li>Establish protocol for documenting poor contractor performance</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.
5D: Pollution Prevention & Housekeeping	Waste Management	<ul style="list-style-type: none"> <li>Continuation of existing programs and focus</li> <li>Perform task/department-specific annual training of staff execution of the City's SWMP</li> <li>Draft task/facility-specific SOPs</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.



5E: Pollution Prevention & Housekeeping	Pesticides, Herbicides, and Fertilizer Application	<ul style="list-style-type: none"> <li>▪ Continuation of existing programs and focus</li> <li>▪ Perform task/department specific annual training of staff execution of the City's SWMP</li> <li>▪ Draft Task/facility – specific SOPs</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.
5F: Pollution Prevention & Housekeeping	Street Sweeping	<ul style="list-style-type: none"> <li>▪ Continuation of existing programs and focus</li> <li>▪ Sweep all streets at least 2 times per year; thoroughfares at least 4 times per year; city-owned parking lots 4 times per year</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.
5G: Pollution Prevention & Housekeeping	Grass Clippings, Leaf Litter, and Animal Waste	<ul style="list-style-type: none"> <li>▪ Continuation of existing programs and focus</li> <li>▪ Review existing outreach</li> <li>▪ Continuation of outreach</li> <li>▪ Review legal authority and amend as necessary</li> <li>▪ Enforcement of city ordinances</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.
5H: Pollution Prevention & Housekeeping	Road and Parking Lot Maintenance	Continuation of service	This MCM is a continuous effort that will be performed for the remainder of the permit term.
5I: Pollution Prevention & Housekeeping	Cold Weather Conditions	Continuation of service	This MCM is a continuous effort that will be performed for the remainder of the permit term.
5J: Pollution Prevention & Housekeeping	Spill Response	<ul style="list-style-type: none"> <li>▪ Continuation of existing programs and focus</li> <li>▪ Review existing protocols</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.
5K: Pollution Prevention & Housekeeping	WWTP Performance	Continuation of existing programs and focus	This MCM is a continuous effort that will be performed for the remainder of the permit term.

6A: MS4 Maintenance Activities	System Repair and Maintenance	<ul style="list-style-type: none"> <li>▪ Continuation of existing programs and focus</li> <li>▪ Record damaged storm drain piping and schedule maintenance</li> <li>▪ Investigate roadside ditches and culverts through service requests</li> <li>▪ Asset management through GIS and database</li> <li>▪ 20% system inlets inspected per year</li> <li>▪ Clean and repair system inlets as needed</li> <li>▪ Inspect all city-maintained retention and detention ponds annually</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.
6B: MS4 Maintenance Activities	Water Quality and Flood Control Structures	<ul style="list-style-type: none"> <li>▪ Continuation of existing programs and focus</li> <li>▪ Record damaged storm drain piping and schedule maintenance</li> <li>▪ Investigate roadside ditches and culverts through service requests</li> <li>▪ Asset management through GIS and database</li> <li>▪ 20% system inlets inspected per year</li> <li>▪ Clean and repair system inlets as needed</li> <li>▪ Inspect all city-maintained retention and detention ponds annually</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.
6C. MS4 Maintenance Activities	Floatables	Continuation of existing programs and focus	This MCM is a continuous effort that will be performed for the remainder of the permit term.

6D: MS4 Maintenance Activities	Litter Abatement	<ul style="list-style-type: none"> <li>▪ Continuation of existing programs and focus</li> <li>▪ Support and participate in regional litter abatement programs (Keep Brazos Beautiful, Texas Trash Off, Big Event, etc.).</li> <li>▪ Support and participate in service projects and volunteer efforts regarding illegal dumping</li> <li>▪ Right-of-way litter collection by Solid Waste Assessment Workers</li> </ul>	This MCM is a continuous effort that will be performed for the remainder of the permit term.
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#### 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)
Not applicable	Not applicable	Not applicable

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

**None are anticipated at this time.**

### 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.

BMP	Description	Implementation Schedule (start date, etc.)	Status/Completion Date (completed, in progress, not started)
Review of Category Waterbodies	Review of EPA 303(d) list or the Texas Integrated Report of Surface Water Quality	January 1, 2020	December 31, 2024
Inflow & Infiltration	Identification and repair of sewer system problems contributing to undesired inflow and infiltration of surface and ground water into the sanitary sewer. Testing of the sewer system (smoke, dye, CCTV) is performed to identify defects. Public defects are corrected through system maintenance or scheduled CIP; correction of private defects are managed by Code Enforcement. Participation in TCEQ SSO Initiative Program.	January 1, 2020	December 31, 2024

### 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).

Name and Explanation: **Not applicable.**

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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



**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):

65

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

    Yes   X   No

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

The number of municipal construction activities authorized under this general permit	Not applicable
The total number of acres disturbed for municipal construction projects	Not applicable

## 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): Kean Register

Signature: 

Title: City Manager

Date: 12/21/22

Name (printed): Jayson Barfknecht, PhD, PE

Signature: 

Title: Public Works Director

Date: 12/21/2022

Name (printed): Paul Kaspar, PE

Signature: 

Title: City Engineer

Date: 12/20/2022

Name (printed): Martin Zimmermann, AICP

Signature: 

Title: Asst. Development Serv. Dir.

Date: 12/20/2022


Name (printed): Stacy Liner

Signature: 

Title: Streets & Drainage Supervisor

Date: 12/20/2022

Name (printed): Mark Jurica

Signature: 

Title: Treatment & Compliance Mgr.

Date: 12/20/22

Name of MS4 City of Bryan