



CITY OF KILLEEN
DEVELOPMENT SERVICES DEPARTMENT
ENGINEERING DIVISION

August 30, 2022

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 City of Killeen
TPDES Authorization: TXR0400010

Dear Team Leader,

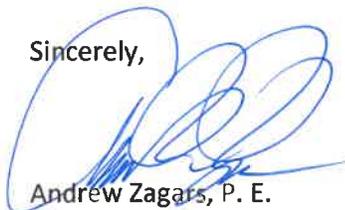
This letter serves to transmit the required annual report for the Texas Pollutant Discharge Elimination System Small Municipal Separate Storm Sewer System General Permit, Authorization Number TXR0400010 for the City of Killeen.

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

During a review of our files, we found that it appears the Year 3 Annual Report had not been filed. The previous responsible signer is no longer here and as the designated representative of the City of Killeen, I have signed it in his place.

As required by the general permit, a copy of the report has been mailed to the TCEQ's Region 9 office in Waco Texas.

Sincerely,



Andrew Zagars, P. E.
City of Killeen Engineer

cc: TCEQ Region 9

VIA: USPS Priority

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040010

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

Annual Reporting Year Option Selected by MS4:

Calendar Year: _____

Permit Year: _____

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

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

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

MS4 Operator Level: IV Name of MS4: City of Killeen

Contact Name: Lisa Miller Telephone Number: 254-501-7771

Mailing Address: 3201-A South WS Young Dr., Killeen, TX 76542

E-mail Address: lmiller@killeentexas.gov

A copy of the annual report was submitted to the TCEQ Region YES X NO _____
Region the annual report was submitted. 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)

	Yes	No	Explain
Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.	X		City is currently maintaining the MS4 permit submitted with the new SWMP to TCEQ.
Permittee is currently in compliance with recordkeeping and reporting requirements.		X	Documentation is maintained for goals that are met. Partially met goals or goals not met do not include documentation unless stated otherwise in Section 4. The City understands the Year 3 Annual Report is due 90 days after the fiscal year end. The City has undergone significant staff turnover and missed the deadline of December 29, 2021.
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	X		The City MS4 discharges are applicable and eligible for coverage under TXR040502. Receiving surface waters are not subject to any TMDLs. Edwards Aquifer limitations are not applicable. As of 9/1/2021, the City's Compliance History classification is rated "High."
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	X		All BMPs were assessed by all responsible departments during the annual report preparation. It was determined each BMP is appropriate for implementation.

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	PE-1 Public Service Announcement	Yes, the City advertises stormwater public service announcements via 45 cable broadcasts and 3 social media topics. This educates the public of hazards associated with illegal discharges/improper disposal of waste and about the impact that polluted stormwater discharges have on local waterways.
1	PE-2 School Folders	No, the City was unable to budget for the cost of 40,000 stormwater folders for distribution. The City is evaluating this BMP to determine its effectiveness going forward.
1	PE-3 Stormwater Brochures	Yes, the City distributes 1,000 stormwater brochures to the public. This educates the public of hazards associated with illegal discharges/improper disposal of waste and about the impact that polluted stormwater discharges have on local waterways.
1	PE-4 Utility Bill Inserts	Yes, the City distributes stormwater educational material to the public with 30,000 utility bills. This educates the public of hazards associated with illegal discharges/improper disposal of waste and about the impact that polluted stormwater discharges have on local waterways.
1	PE-5 Stormwater Website	Yes, the City posts stormwater educational material on the City website to provide the public with stormwater information when they visit the website. This educates the public of hazards associated with illegal discharges/improper disposal of waste and about the impact that polluted stormwater discharges have on local waterways.
1	PE-6 Public Works Hotline	Yes, the City responded to 13 notifications from the Public Works hotline. Public reporting allows residents to assist City staff with the identification of stormwater concerns and allows prompt response to the concern.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1	PE-7 Stream Cleanup Event	Yes, the City offered 2 stream cleanup opportunities for public involvement. This actively includes the public in the reduction of pollutants in stormwater.
1	PE-8 Watershed Organizations	Yes, the City participated in 8 regional watershed meetings with stakeholders in the area for a more coordinated watershed management effort.
1	PE-9 Storm Drain Stenciling	Yes, the City facilitates storm drain stenciling for public involvement. Marking storm drain inlets educates the public that stormwater drains directly to streams.
2	ID-1 Stormwater System Mapping	Yes, the City updated the MS4 map to include additional outfalls along 2 unnamed tributaries. An accurate map allows for prompt response to prevent/reduce the discharges of pollutants from the MS4.
2	ID-2 Illicit Discharge Ordinance	Yes, the City utilizes stormwater quality ordinances to enforce illicit discharge elimination requirements.
2	ID-3 Reduce Illegal Dumping	Yes, the City distributed 500 illegal dumping brochures to encourage the reduction of pollutant discharges to stormwater.
2	ID-4 Household Chemical Collection and Recycling	Yes, the City offered one Household Waste Event for public involvement. The event prevented the discharge of 1,238 tons of paper, metal, glass, and plastic, 5,543 gallons of oil and antifreeze, 150 Batteries, 2,831 tires, 32,745 lbs. of solid waste - 66% paint, pesticides, herbicides, and fertilizers, and 16% flammables.
2	ID-5 Eliminate Sanitary Sewer Overflows	Yes, the City cleaned 786,253 feet and TV inspected 62,165 feet sewer lines to reduce the discharge of pollutants to stormwater.
2	ID-6 Dry Weather Screening	Yes, the City added 3 new unnamed tributaries to the inspection list and inspected 129 existing sites to identify and/or reduce the discharge of pollutants to stormwater.
2	ID-7 Illicit Discharge Investigation	Yes, the City received and responded to 7 illicit discharge reports and identified priority areas to reduce the discharge of pollutants to stormwater.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
2	ID-8 Reduce Failing Septic Systems	Yes, the City identified areas for Septic Tank Elimination Program (STEP) and determining the number of new sewer tie-ins would reduce illicit discharges to the system. The STEP is complete and the entire City is connected to sanitary sewer.
2	ID-9 Tracking of Illicit Discharges	Yes, the City investigated 126 ILD concerns and trained two ILD emergency response personnel to reduce the discharge of pollutants to stormwater.
2	ID-10 Reduction in Floatables	Yes, the City's public involvement and illicit discharge program reduce the amount of floatables discharged to the system.
3	C-1 Erosion Control Ordinance	Yes, the City utilizes stormwater quality ordinances to enforce the use of construction stormwater BMPs. The City issued five enforcement actions during 2021.
3	C-2 Plan Review Procedures	Yes, the City reviewed 73 construction plans submitted and 79 land disturbance permits submitted to the City.
3	C-3 Construction Inspection	Yes, the City conducted 3,027 construction inspections and 73 erosion & sediment control inspections. The City also trained two construction inspectors and project managers to prevent/reduce pollutants in stormwater from construction sites.
3	C-4 Construction General Permit Training	Yes, staff training event on the Construction General Permit provides the information necessary for all applicable City staff to identify stormwater concerns in the City; therefore, reducing the discharge of pollutants in stormwater during construction activities.
4	PC-1 Post Construction Ordinance	Yes, the City utilizes a post-construction ordinance to enforce post-construction requirements. Zero violations were recorded in 2021.
4	PC-2 Post Construction Inspections	Yes, the City inspected 121 Stormwater Management Site Plans (SWMSP) submitted to the City. The County executed and recorded 109 Maintenance, Easement, and Covenant Agreements (MECA).

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
4	PC-3 Long Term Operation and Maintenance of Post Construction BMPs	Yes, the City inspected 4,336 existing public and private BMPs and 109 of private BMPs were inspected and approved by the City.
4	PC-4 List of Quality CIP Projects	Yes, the City's water quality Capital Improvement Program (CIP) projects reduce the number of pollutants discharged to the system.
5	GH-1 Stormwater Pollution Prevention Training	Yes, the City has implemented and trained 888 City employees on general stormwater awareness.
5	GH-2 Stormwater Controls at City Facilities	Yes, the City conducted 200 stormwater compliance inspection at City-owned Facilities and maintained copies of Industrial Stormwater Permits for four City-owned facilities to identify potential pollutants.
5	GH-3 Vehicle Maintenance	Yes, the City documented leaks quarterly and disposed/recycled 3,946 gallons of oil and 1.043 gallons of antifreeze during 2021. No vehicle leaks were detected.
5	GH-4 Vehicle Washing	Yes, the City serviced their oil/water separator on Jan 28, 2021 and on June 7, 2021, in which, 979 gallons of waste was collected and disposed of.
5	GH-5 Vehicle Fueling	Yes, the City developed an annual underground storage tank (UST) report to prevent leaking and maintain compliance with TCEQ.
5	GH-6 Roadway Cleaning	Yes, the City swept 9,216 curb miles and purchased a new street sweeper in 2021.
5	GH-7 Structural BMP & Stormwater System Maintenance	Yes, the City received 366 maintenance work orders through City Works. The City maintained 145.68 miles and 270 inlet boxes of storm sewer system.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
5	GH-8 Landscape and Lawn Care	Yes, the City has 5 facilities with non-chemical pest management implemented and trained all 16 City staff that conduct landscape and lawn care. Additionally, the city maintains applicator licenses for employees.
5	GH-9 Hazardous Materials Storage & Disposal	Yes, the City trained 23 City Fleet and Public Works staff on hazardous materials storage and disposal.
5	GH-10 Used Oil Collection & Recycling	Yes, the City recycled 4,489 gallons of used oil. Containment inspections also aid in the reduction of pollutants to the system.
5	GH-11 Non-Stormwater Discharges	Yes, the City flushed 4,965 water lines during 2021.
5	GH-12 City Construction Projects	Yes, the City performed 6 construction project inspections. Zero flood control projects occurred.
6	IS-1 Industrial Stormwater Sources Ordinance	Yes, the City held 2 stakeholder meetings to review the Industrial Stormwater Sources Ordinance.
6	IS-2 Identify Industrial Stormwater Sources	Yes, the city evaluated and recorded pollutant test data. The City also implemented priority processes for Industrial Stormwater Sources.
6	IS-3 Industrial Stormwater Testing	Yes, the City's Standard Procedures for Annual Testing was reviewed and updated, as needed.

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	PE-1 Public Service Announcement	Cable Broadcast and Social Media Posting	45 3	Cable broadcasts Social media topics	No. This BMP does not directly reduce pollution of stormwater. Education does, however, indirectly impact pollution by changing individuals' actions.
1	PE-3 Stormwater Brochures	Public Works	1,000	Brochures distributed	No. This BMP does not directly reduce pollution of stormwater. Education does, however, indirectly impact pollution by changing individuals' actions.
1	PE-4 Utility Bill Inserts	Public Works	2 30,000	Program inserts developed Billing accounts	No. This BMP does not directly reduce pollution of stormwater. Education does, however, indirectly impact pollution by changing individuals' actions.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1	PE-6 Public Works Hotline	Public Works	13 13	Calls received Calls responded to	Yes. When public reports are received, immediate action can be taken to eliminate the pollutant discharge, if any.
1	PE-7 Stream Cleanup Event	Public Works and Volunteer Services	1 2	Event publicized Cleanup events supported	Yes. Provides opportunities to the public to remove debris from streams; therefore, preventing the discharge of pollutants stormwater.
1	PE-8 Watershed Organizations	Local, Regional, and State Organizations	8	Watershed meetings	No. This BMP does not directly reduce pollution of stormwater. Education does, however, indirectly impact pollution by changing individuals' actions.
1	PE-9 Storm Drain Stenciling	Public Works GIS	1000	Flyers distributed	No. This BMP does not directly reduce pollution of stormwater. Education does, however, indirectly impact pollution by changing individuals' actions.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
2	ID-1 Stormwater System Mapping	Public Works GIS	2	Unnamed tributaries mapped	No. Provides City staff with a map to quickly respond to and eliminate illicit discharges.
2	ID-3 Reduce Illegal Dumping	Public Works	500	Illegal dumping brochures distributed	No. This BMP does not directly reduce pollution of stormwater. Education does, however, indirectly impact pollution by changing individuals' actions.
2	ID-4 Household Chemical Collection and Recycling	Public Works and Killeen Recycling Center	1 32,745 1,238	Household waste event Lbs. collected Tons collected	Yes. It provides opportunities to the public to properly dispose of waste; therefore, preventing the discharge of pollutants to stormwater.
2	ID-5 Eliminate Sanitary Sewer Overflow	Public Works Water and Sewer Services	786,253 62,165	Feet of sewer line cleaned Feet of sewer line inspected	Yes. The City maintains their sanitary sewer system to prevent sanitary sewer overflows from entering the storm sewer system.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
2	ID-6 Dry Weather Screening	Public Works Drainage Utility	3 129	Unnamed tributaries mapped Screenings	Yes. Allows the City to determine locations where illicit discharges to the storm sewer may be occurring.
2	ID-7 Illicit Discharge Investigations	Illicit Discharge Investigation Program	7	Illicit discharge reported	Yes. Procedure to promptly address detected discharge of pollutants and eliminate them from stormwater.
2	ID-9 Tracking of Illicit Discharges	Public Works Illicit Discharge Program	21 126 2 2	ILD concerns ILD concerns investigated ILD emergency response personnel ILD employees trained in emergency response	Yes. Procedure to promptly address detected discharge of pollutants and eliminate them from stormwater.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
3	C-1 Erosion Control Ordinance	Erosion Control Ordinance	5	Enforcement actions	Yes. The ordinance provides the City with the authority to require the prevention of construction site pollutants from entering stormwater runoff.
3	C-2 Plan Review Produces	Public Works Planning	73 73 79	Construction plans submitted Construction plans reviewed Land Disturbance Permits	No. Plan reviews will assist with the reduction of pollutants over time; however, not directly.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
3	C-3 Construction Inspection	Public Works and ESC inspections	728 3,027 73 2	Construction and Erosion & Sediment Control (ESC) inspections Construction inspections ESC inspections City's construction inspection and project manager trained	Yes. Inspections allow the City to determine noncompliance and issue violations which will reduce pollution to stormwater.
4	PC-2 Post Construction Inspections	Public Works	121 109/108 121	Stormwater Management Site Plans submitted to City MECA executed and recorded by the County SWMSP inspections	Yes. Inspections allow the City to determine noncompliance and issue violations which will reduce pollution to stormwater.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
4	PC-3 Long Term Operation and Maintenance of Post Construction BMPs	Public Works	109 4336	Public and private post-construction BMPs Existing private and public BMPs inspected	Yes. Inspections allow the City to determine noncompliance and issue violations which will reduce pollution to stormwater.
5	GH-1 Stormwater Pollution Prevention Training	Public Works	888	City staff provided stormwater training	No. This BMP does not directly reduce pollution of stormwater. Education does, however, indirectly impact pollution by changing individuals' actions.
5	GH-2 Stormwater Controls at City Facilities	Public Works and City Departments	95 4 4 4	% of shelter provided to materials at City Facilities City facilities inspected City facilities Industrial Stormwater permits for City Facilities	Yes. Providing shelter to materials that have the potential to impact stormwater will reduce illicit discharges from City-owned facilities.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
5	GH-3 Vehicle Maintenance	Fleet Services	0 3,946/1,043	# of vehicle leaks detected gallons of automotive fluid disposed documented (oil/antifreeze)	Yes. Proper disposal of oil and antifreeze prevents it from potentially impacting water quality.
5	GH-4 Vehicle Washing	Fleet Services	979	Gallons of oil/water separator waste disposed of	Yes. Maintaining an oil/water separator allows for it to function properly which prevents pollution to stormwater.
5	GH-6 Roadway Cleaning	Public Works	9,216	Curb miles swept	Yes. Sweeping curbs will directly reduce pollution to stormwater.
5	GH-7 Stormwater BMP & Stormwater System Maintenance	Drainage Utility	366 145.68 270 3,263,040	Stormwater work orders Miles of storm sewer system maintained Inlets maintained Miles of sanitary sewer drainage infrastructure maintained	Yes. Maintaining the City's storm sewer system allows for the system to work properly and identify illicit discharges that may be occurring.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
5	GH-8 Landscape and Lawn Care	Public Works	200 5 16 16	City facilities City facilities with non-chemical pest management measures City staff who conduct maintenance City staff trained	No. This BMP does not directly reduce pollution of stormwater. Education does, however, indirectly impact pollution by changing individuals' actions.
5	GH-9 Hazardous Materials Storage & Disposal	Public Works	24 23	City Fleet and Public Works Staff Fleet and Public Works Staff trained	No. This BMP does not directly reduce pollution of stormwater. Education does, however, indirectly impact pollution by changing individuals' actions.
5	GH-10 Used Oil Collection & Recycling	Fleet Services	4,489	Gallons of used oil recycled	Yes. By recycling oil, the City prevents used oil from discharging to stormwater.
5	GH-11 Non-Stormwater Discharges	Public Works Water and Sewer Utilities	4,965	Water lines and fire hydrants flushed	No. Flushing hydrants ensures good water quality and required maintenance, but it does not directly reduce pollutants in stormwater.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
5	GH-12 City Construction Projects	Public Works Water and Sewer Utilities	6 0	City construction projects inspected for water quality compliance Flood control projects	Yes. Inspections allow the City to determine noncompliance and issue violations which reduce pollution to stormwater.
6	IS-1 Industrial Stormwater Sources Ordinance	Industrial Stormwater Sources Ordinance	2	Stakeholders meeting held	No. This BMP educates stakeholders but does not directly reduce pollution of stormwater.

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.
MCM 1, PE-1 Public Service Announcement	A. 24 Cable Broadcasts B. Copy of 24 applicable Social Media postings on water quality	Partially Met Goal. The City ran 45 cable broadcasts and posted 3 social media posts. The City is unable to document all social media postings related to stormwater quality.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
MCM 1, PE-2 School Folders	A. 40,000 folders developed, purchased, and distributed to KISD students.	Goal Not Met. Due to Covid-19, the City determined that the school folders were not cost-effective considering remote schooling.
MCM 1, PE-3 Stormwater Brochures	A. 1,000 brochures distributed B. Inventory of brochures C. Evaluation of process for distribution of outreach	Met Goal. The City distributed 1,000 educational stormwater brochures and evaluated the distribution process.
MCM 1, PE-4 Utility Bill Inserts	A. 2 program inserts mailed with utility bill	Met Goal. The City distributed 2 program inserts with 30,000 utility billing accounts.
MCM 1, PE-5 Stormwater Website	A. Post City's annual report on the City's Drainage webpage B. Update City's Drainage webpage at least once per year C. Screenshot of updated City's webpage	Goal Not Met. Staff turnover, department restructuring, and the Covid-19 pandemic impacted the completion of the best management practice.
MCM 1, PE-6 Public Works Hotline	A. Provide one list of 100% of calls received via the 24-hour public Works Response Hotline (PWRH) B. Response to 100% of calls from the PWRH C. One CRM summary report	Partially Met Goal. The City received and responded to 13 calls from the Public Works Response Hotline. The City did not develop Citizen Relationship Management Summary report due to department restructuring and staff turnover. Department staff will coordinate more closely with staff in the future.
MCM 1, PE-7 Stream Cleanup Event	A. Publicize one event B. Support one clean up event	Met Goal. The City publicized 1 event and supported one clean-up event.
MCM 1, PE-8 Watershed Organizations	A. Support and participate in local, regional, and state organizations and watershed protection plans for all watershed in Killeen B. Provide a copy of meeting notes or agendas for at least 25 watershed meeting of events	Partially Met Goal. The City maintained a partnership with CENTEX sustainable community. Meetings (8) were limited to virtual meetings due to the Covid-19 pandemic.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
MCM 1, PE-9 Storm Drain Stenciling	A. Distribute 1,000 flyers B. Update GIS inlet map with 100% pf inlets marked	Partially Met Goal. 1,000 flyers were distributed but the GIS map was not updated with marked inlets due to staff turnover.
MCM 2, ID-1 Stormwater System Mapping	A. Map two unnamed tributaries B. Add 100% of collected data to GIS database	Partially Met Goal. The city mapped 2 unknown tributaries and added all collected data to the GIS database.
MCM 2, ID-2 Illicit Discharge Ordinance	A. List of 100% of illicit discharge enforcement actions B. Copy of Ordinance Changes (if any)	Partially Met Goal. Illicit discharge enforcement actions were conducted; however, the City is unable to identify supporting documentation due to staff turnover and department restructuring.
MCM 2, ID-3 Reduce Illegal Dumping	A. Distribute 100 illegal dumping brochures B. List of 100% illegal dumping investigations	Partially Met Goal. The City distributed 500 illegal dumping brochures. Due to staffing shortage and turnover, the City did not perform any illegal dumping investigations.
MCM 2, ID-4 Household Chemical Collection and Recycling	A. Promotion of one HHW event B. Host one HHW events C. Collect and dispose of 40,000 pounds of HHW materials D. Provide one consolidated summary of HHW material types and quantity collected at the recycling center E. Provide one consolidated summary of material types and quantity collected at the recycling center	Met Goal. The City hosted and promoted one HHW event. Waste collected consisted of 1,238 tons of paper, metal, glass, and plastic. 5,543 gallons of oil and antifreeze. 150 Batteries. 2,831 tires. 32,745 lbs. of solid waste - 66% paint, pesticides, herbicides, and fertilizers, and 16% flammables.
MCM 2, ID-5 Eliminate Sanitary Sewer Overflow	A. Clean 350,000 ft./year of sewer lines B. TV 12,000 ft./year of sewer lines	Met Goal. The City cleaned 786,253 feet of sewer lines and TV inspected 63,165 feet of sewer lines.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
MCM 2, ID-6 Dry Weather Screening	<ul style="list-style-type: none"> A. List of results for minimum of 3 sites on all new unnamed tributaries added B. Update screening map(s) with 100% of new locations added C. List of results for a minimum of 140 existing sites 	Partially Met Goal. The City added three new unnamed tributaries to be inspected and updated screening maps with new locations. Due to staff turnover and shortage, the City inspected 129 of existing sites.
MCM 2, ID-7 Illicit Discharge Investigation	<ul style="list-style-type: none"> A. Investigate 100% of reported illicit discharges B. List of 100% of investigation types and locations C. Identify priority areas on a map 	Partially Met Goal. The City received seven reports of illicit discharges and investigated each. However, supporting documentation could not be identified. The City did identify illicit discharge priority areas on a map.
MCM 2, ID-8 Reduce Failing Septic System	<ul style="list-style-type: none"> A. Complete one STEP B. Map of 100% of investigation types and locations C. Identify priority areas on a map 	Goal Met. The City has successfully removed all septic systems in the City. All properties are tied into the City sanitary sewer. Therefore, zero STEPs, investigations, or priority areas were needed.
MCM 2, ID-9 Tracking of Illicit Discharges	<ul style="list-style-type: none"> A. Copy of updated written procedures (if changed) B. Investigate 100% of all ILD concerns C. Provide training to 100% of ILD emergency response personnel 	Partially Met Goal. The City received 21 ILD concerns and performed 126 ILD investigations. The City also trained both of their ILD emergency response personnel.
MCM 2, ID-10 Reduction in Floatables	<ul style="list-style-type: none"> A. Purchase and install infrastructure to reduce floatables in 2 locations B. Develop SOP for maintenance of infrastructure selected to reduce floatables 	Goal Not Met. The City did not install any BMPs due to department restructuring and staff turnover.
MCM 3, C-1 Erosion Control Ordinances	<ul style="list-style-type: none"> A. List of 100% of Enforcement actions B. Review and update Ordinances (as needed) 	Partially Met Goal. The City performed five enforcement actions and reviewed their ordinance.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
MCM 3, C-2 Plan Review Procedures	<ul style="list-style-type: none"> A. 90% of construction plan reviews completed B. List of 100% of Land Disturbance Permits (LDP) submitted to the City 	Partially Met Goal. The City received 73 construction plan submittals and 79 land disturbance permits submitted. The City reviewed 100% of construction plans.
MCM 3, C-3 Construction Inspection	<ul style="list-style-type: none"> A. Conduct construction and Erosion & Sediment Control (ESC) inspections on 100% of released construction permits B. List of 100% of construction inspections performed C. List of 100% of ESC inspections D. Provide training to 100% of the City's construction inspectors and project managers E. Provide a list of 100% of the public stormwater infrastructure constructed and approved 	Partially Met Goal. The City released 728 construction permits and conducted 3,027 construction inspections. The City performed 73 erosion & sediment control inspections. Additionally, the City trained two construction inspectors or project managers. No public stormwater infrastructure was constructed or approved during 2021.
MCM 3, C-4 Construction General Permit Training	<ul style="list-style-type: none"> A. Promotion of one CGP training B. Copy of CGP training material C. Host one CGP training D. Train 10 construction personnel on the CGP 	Goal Not Met. The City was unable to meet this goal due to Covid-19 pandemic and staff turnover.
MCM 4, PC-1 Post Construction Ordinance	<ul style="list-style-type: none"> A. List of 100% of Enforcement actions B. Review and update Ordinances (as needed) 	Met Goal. The City assigned no enforcement actions and reviewed their ordinance during 2021.
MCM 4, PC-2 Post Construction Inspections	<ul style="list-style-type: none"> A. List of 100% of Stormwater Management Site Plans (SWMSP) submitted to the City B. List of 100% of Maintenance, Easement, Covenant, and Agreements (MECA) executed and recorded by the City C. List of 100% of SWMSP inspections 	Partially Met Goal. The City received and inspected 121 SWMSPs. Also, the City executed and recorded 109 MECAs.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
MCM 4, PC-3 Long Term Operations and Maintenance of Post Construction BMPs	<ul style="list-style-type: none"> A. Provide a list of 100% of the private and public post construction BMPs constructed and approved B. Update maintenance schedule to include 100% of the accepted public structural BMPs C. Inspection of 80% of all existing private and public BMPs 	Partially Met Goal. The City inspected 4,336 existing private and public BMPs. The City also inspected and approved 109 private and public BMPs. An updated maintenance schedule was not required.
MCM 4, PC-4 List of Water Quality CIP Projects	<ul style="list-style-type: none"> A. GIS coverage of water quality CIP components B. Update Maintenance Plan (as needed) 	Partially Met Goal. The City updated the CIP maintenance plan but did not record the number of CIP projects.
MCM 5, GH-1 Stormwater Pollution Prevention Training	<ul style="list-style-type: none"> A. Update BMP/SO manual pages (as needed) B. Provide Stormwater training to 90% of all city staff 	Partially Met Goal. The City trained 888 of their 1200 staff (74%) on General Stormwater Pollution Prevention.
MCM 5, GH-2 Stormwater Controls at City Facilities	<ul style="list-style-type: none"> A. Provide 50% shelter from exposure to stormwater those materials with a potential to contribute to stormwater pollution at all facilities B. Review and update inventory of all City Facilities and stormwater controls C. Perform inspections of all City Facilities for stormwater compliance D. Copy of Industrial Stormwater permit for City Facilities (where applicable) 	Met Goal. The City has provided cover to 95% of materials that have the potential to impact stormwater at City facilities. An inventory update was not needed. Additionally, the City inspected all 200 City facilities for stormwater compliance and maintains Industrial Stormwater Permits for the four City facilities.
MCM 5, GH-3 Vehicle Maintenance	<ul style="list-style-type: none"> A. Document leak detection quarterly B. Document 100% of automotive fluids disposed 	Met Goal. The City did not identify any leaks. A total of 3,946 gallons of oil and 1,043 gallons of antifreeze were disposed of or recycled.
MCM 5, GH-4 Vehicle Washing	<ul style="list-style-type: none"> A. Maintain oil/water separator annually 	Met Goal. The City maintained the oil/water separator on January 28, 2021 and June 7, 2021. The City collected and disposed of 979 gallons of waste.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
MCM 5, GH-5 Vehicle Fueling	<ul style="list-style-type: none"> A. Provide a copy of the annual UST Report B. Update SPCC plan (as needed) 	Met Goal. The City developed an annual UST report. SPCC Plans did not require any updates.
MCM 5, GH-6 Roadway Cleaning	<ul style="list-style-type: none"> A. 7,000 curb miles swept B. Evaluate the need to replace an existing street sweeper 	Met Goal. The City swept 9,216 curb miles and purchased one new street sweeper.
MCM 5, GH-7 Structural BMP & Stormwater System Maintenance	<ul style="list-style-type: none"> A. List of 100% of stormwater maintenance Work Orders in City Works B. Maintain 50% of all City owned stormwater sewer system C. Maintain 100% of all City owned non-storm sewer drainage infrastructure 	Met Goal. The City received 366 maintenance work orders in City Works and the City maintained all 145.68 miles of storm sewer system and 270 inlet boxes. Additionally, the City maintained 3,263,040 feet of City-owned sewer infrastructure.
MCM 5, GH-8 Landscape and Lawn Care	<ul style="list-style-type: none"> A. Incorporate non-chemical pest management measures at 25% of City Facilities B. Provide landscape and lawn care training to 80% of all city staff who conduct public grounds and right of way maintenance C. Copy of licenses for all applicable City departments and divisions D. Copy of updated BMP/SOP Manual (as needed) 	Partially Met Goal. Due to staff turnover and department restructuring, the City only instituted non-chemical pest management practices at 5 of 200 (2.5%) city-owned facilities. The City maintained licenses and trained all 16 members of their staff that conduct public ground and right of way maintenance.
MCM 5, GH-9 Hazardous Materials Storage & Disposal	<ul style="list-style-type: none"> A. Provided hazardous materials storage and disposal training to 80% of all Fleet and Public Works staff B. One copy of annual Hazardous Waste tracking form 	Goal Met. The City had 23 of 24 City Fleet and Public Works staff participated in hazardous material storage and disposal training. Completing a Hazardous Waste tracking form was not applicable for 2021.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
MCM 5, GH-10 Used Oil Collection & Recycling	<ul style="list-style-type: none"> A. Conduct a minimum of 12 oil containment inspections B. Provide a copy of the inspection log C. Recycle 150 gallons of used oil 	Partially Met Goal. The City recycled 4,489 gallons of used oil during 2021. The City did not inspect any oil containment due to department restructuring and staff turnover.
MCM 5, GH-11 Non-Stormwater Discharges	<ul style="list-style-type: none"> A. Used on 50% of water lines and fire hydrants flushed B. Purchase additional dichlorination equipment 	Partially Met Goal. The City flushed 4,965 waterlines but none were flushed using de-chlorination equipment.
MCM 5, GH-12 City Construction Projects	<ul style="list-style-type: none"> A. Inspect 100% of all city construction projects for water quality compliance B. Assess the impact of the receiving water(s) for 100% of all flood control C. Review and update construction inspection SOP (as needed) 	Partially Met Goal. The City inspected six City construction projects. The City has 0 flood control projects ongoing. However, due to staff shortages and department restructuring, the flood control projects were not inspected.
MCM 6, IS-1 Industrial Stormwater Sources Ordinance	<ul style="list-style-type: none"> A. Hold one Stakeholders meeting B. Provide a copy of the Stakeholder sign in sheet C. Develop a draft ordinance 	Partially Met Goal. Two Stakeholder meetings were held for Airports and MGC Plant and sign-in sheets were documented. Due to department restructuring, the City did not develop a draft ordinance.
MCM 6, IS-2 Identify Industrial Stormwater Sources	<ul style="list-style-type: none"> A. Evaluate pollutant test data B. One copy of test data C. Implement priority and procedures for inspection and implementation of control measures 	Met Goal. The City evaluated and developed one copy of test data. Also, the City implemented priority procedures.
MCM 6, IS-3 Industrial Stormwater Testing	<ul style="list-style-type: none"> A. Review and update industrial stormwater testing procedures (if warranted) 	Met Goal. The City, reviewed their stormwater testing procedures.

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.?

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1	PE-6 Public Works Hotline	Public Works	13 13	Phone calls received Phone calls responded to	Yes. When public reports are received, immediate action can be taken to eliminate the pollutant discharge, if any.
1	PE-7 Stream Cleanup Event	Public Works and Volunteer Services	52 32	Bags collected Volunteers	Yes. It provides opportunities for the public to remove debris from streams; therefore, preventing the discharge of pollutants stormwater.
2	ID-4 Household Chemical Collection and Recycling	Public Works and Killeen Recycling Center	1 32,745 1,238	Household waste event Lbs. collected Tons collected	Yes. It provides opportunities for the public to properly dispose of waste; therefore, preventing the discharge of pollutants to stormwater.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
2	ID-5 Eliminate Sanitary Sewer Overflow	Public Works Water and Sewer Services	786,253 62,165	Feet of sewer line cleaned Feet of sewer line inspected	Yes. The City maintains their sanitary sewer system to prevent sanitary sewer overflows from entering the storm sewer system.
2	ID-6 Dry Weather Screening	Public Works Drainage Utility	3 129	Unnamed tributaries mapped Screenings	Yes. Allows the City to determine locations where illicit discharges to the storm sewer may be occurring.
2	ID-7 Illicit Discharge Investigations	Illicit Discharge Investigation Program	7	Illicit discharges reported	Yes. Procedure to promptly address detected discharge of pollutants and eliminate them from stormwater.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
2	ID-9 Tracking of Illicit Discharges	Public Works Illicit Discharge Program	21 126 2 2	ILD concerns ILD concerns investigated ILD emergency response personnel ILD employees trained in emergency response	Yes. Procedure to promptly address detected discharge of pollutants and eliminate them from stormwater.
3	C-1 Erosion Control Ordinance	Erosion Control Ordinance	5	Enforcement actions	Yes. The ordinance provides the City with the authority to require the prevention of construction site pollutants from entering stormwater runoff.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
3	C-3 Construction Inspection	Public Works and ESC inspections	728 3,027 73 2	Construction and Erosion & Sediment Control (ESC) inspections Construction inspections ESC inspections City's construction inspection and project manager trained	Yes. Inspections allow the City to determine noncompliance and issue violations which will reduce pollution to stormwater.
4	PC-2 Post Construction Inspections	Public Works	121 109/108 121	Stormwater Management Site Plans submitted to City MECA executed and recorded by the County SWMSP inspections	Yes. Inspections allow the City to determine noncompliance and issue violations which will reduce pollution to stormwater.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
4	PC-3 Long Term Operation and Maintenance of Post Construction BMPs	Public Works	109 4336	Public and private post construction BMPs Existing private and public BMPs inspected	Yes. Inspections allow the City to determine noncompliance and issue violations which will reduce pollution to stormwater.
5	GH-2 Stormwater Controls at City Facilities	Public Works and City Departments	95 4 4 4	% of shelter provided to materials at City Facilities City facilities inspected City facilities Industrial Stormwater permits for City facilities	Yes. Providing shelter to materials that have the potential to impact stormwater will reduce illicit discharges from City-owned facilities.
5	GH-3 Vehicle Maintenance	Fleet Services	0 3,946/1,043	Vehicle leaks detected Gallons of automotive fluid disposed documented (oil/antifreeze)	Yes. Proper disposal of oil and antifreeze prevents it from potentially impacting water quality.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
5	GH-4 Vehicle Washing	Fleet Services	979	Gallons of oil/water separator waste disposed of	Yes. Maintaining an oil/water separator allows for it to function properly which prevents pollution to stormwater.
5	GH-6 Roadway Cleaning	Public Works	9,216	Curb miles swept	Yes. Sweeping curbs will directly reduce pollution to stormwater.
5	GH-7 Stormwater BMP & Stormwater System Maintenance	Drainage Utility	366 145.68 270 3,263,040	Stormwater work orders Miles of storm sewer system maintained Inlets maintained Miles of sanitary sewer drainage infrastructure maintained	Yes. Maintaining the City's storm sewer system allows for the system to work properly and identify illicit discharges that may be occurring.
5	GH-10 Used Oil Collection & Recycling	Fleet Services	4,489	Gallons of used oil recycled	Yes. By recycling oil, the City prevents used oil from discharging to stormwater.

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 waterbodies within the permitted area were added to the 2020 Texas Integrated Report Index of Water Quality Impairments.

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.

Lampasas River Above Stillhouse Hollow Lake (Segment 1217) – Bacteria

Nolan Creek/South Nolan Creek (Segment 1218) - Bacteria

MCM(s)	Measurable Goal(s)
MCM 1, PE-1 Public Service Announcement	A. 24 Cable Broadcasts B. Copy of 24 applicable Social Media postings on water quality
MCM 1, PE-7 Stream Cleanup Event	A. Publicize one event B. Support one clean up event
MCM 1, PE-8 Watershed Organizations	A. Support and participate in local, regional, and state organizations and watershed protection plans for all watershed in Killeen B. Provide a copy of meeting notes or agendas for at least 25 watershed meeting of events
MCM 2, ID-2 Illicit Discharge Ordinance	A. List of 100% of illicit discharge enforcement actions B. Copy of Ordinance Changes (if any)
MCM 2, ID-3 Reduce Illegal Dumping	A. Distribute 100 illegal dumping brochures B. List of 100% illegal dumping investigations
MCM 2, ID-5 Eliminate Sanitary Sewer Overflow	A. Clean 350,000 ft./year of sewer lines B. TV 12,000 ft./year of sewer lines

MCM(s)	Measurable Goal(s)
MCM 2, ID-7 Illicit Discharge Investigation	A. Investigate 100% of reported illicit discharges B. List of 100% of investigation types and locations C. Identify priority areas on a map
MCM 2, ID-8 Reduce Failing Septic System	A. Complete one STEP B. Map of 100% of investigation types and locations C. Identify priority areas on a map

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

NA

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
NA	NA	NA	NA

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
NA	NA	NA

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

Description of Bacteria-Focused BMP	Comments/Discussion
MCM 1, PE-1 Public Service Announcement	Education about best practices.
MCM 1, PE-7 Stream Cleanup Event	Removal of debris from stream and floodplain.
MCM 1, PE-8 Watershed Organizations	The City maintained a partnership with CENTEX sustainable community.
MCM 2, ID-2 Illicit Discharge Ordinance	Illicit discharge enforcement.
MCM 2, ID-3 Reduce Illegal Dumping	Education about best practices.
MCM 2, ID-5 Eliminate Sanitary Sewer Overflow	Practices to prevent or minimize system failures that would result in discharge of pollutants.
MCM 2, ID-7 Illicit Discharge Investigation	Procedures to actively investigate illicit discharges and remove them from the system.
MCM 2, ID-8 Reduce Failing Septic System	Practices to prevent or minimize system failures that would result in discharge of pollutants.

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
<i>NA</i>	<i>NA</i>

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	Stormwater Activity	Description/Comments
1	PE-1	Public Service Announcement	A. 24 cable broadcasts B. Copy of 24 applicable Social Media postings on water quality
1	PE-2	School Folders	A. 40,000 folders developed, purchased, and distributed to KISD students
1	PE-3	Stormwater Brochures	A. 1,000 brochures distributed B. Inventory of brochures C. Evaluation of process for distribution of outreach materials
1	PE-4	Utility Bill Inserts	A. 2 program inserts mailed with utility bills
1	PE-5	Stormwater Website	A. Post the City's annual report on the City's Drainage web page B. Update City's Drainage webpage at least once per year C. Screenshot of updated city webpage
1	PE-6	Public Works Hotline	A. Provide one list of 100% of calls received via the 24-hour Public Works Response Hotline (PWRH) B. Respond to 100% of calls from the PWRH C. One CRM summary report
1	PE-7	Stream Cleanup Event	A. Publicize one event B. Support one clean up event
1	PE-8	Watershed Organizations	A. Support and participate in local, regional, and state organizations and watershed protection plans for all watershed in Killeen B. Provide a copy of meeting notes or agendas for at least 25 watershed meetings or events

MCM(s)	BMP	Stormwater Activity	Description/Comments
1	PE-9	Storm Drain Stenciling	A. Distribute 1,000 flyers B. Update GIS inlets map with 100% of inlets marked
2	ID-1	Stormwater System Mapping	A. Map two unnamed tributaries B. Add 100% of collected data to GIS database
2	ID-2	Illicit Discharge Ordinance	A. List of 100% pf illicit discharge enforcement actions B. Copy of Ordinances changes (if any)
2	ID-3	Reduce Illegal Dumping	A. Distribute 100 illegal dumping brochures B. List of 100% of illegal dumping investigations
2	ID-4	Household Chemical Collection and Recycling	A. Promotion of one HHW event B. Host one HHW event C. Collect and dispose of 40,000 pounds of HHW materials D. Provide one consolidated summary of HHW material types and quantity collected at the recycling center E. Evaluate the historical trends for recyclables collected F. Provide one consolidated summary of material types and quantity collected at the recycling center
2	ID-5	Eliminate Sanitary Sewer Overflows	A. Clean 350,000 ft./year of sewer lines B. TV 12,000 ft./year of sewer lines
2	ID-6	Dry Weather Screening	A. List of results for minimum of 3 sites on all new unnamed tributaries added B. Update screening map(s) with 100% of new locations added C. List of results for minimum of 140 existing sites
2	ID-7	Illicit Discharges Investigations	A. Investigate 100% of reported illicit discharges B. List of 100% of investigation types and location C. Identify priority areas on a map

MCM(s)	BMP	Stormwater Activity	Description/Comments
2	ID-8	Reduce Failing Septic Systems	A. Identify 2 areas for a Septic Tank Elimination Project (STEP)
2	ID-9	Tracking of Illicit Discharges	A. Copy of updates written procedures (if changed) B. Investigate 100% of all ILD concerns C. Provide training to 100% of ILD emergency response personnel
2	ID-10	Reduction in Floatables	A. Provide SOP training to 100% of storm sewer staff B. Dispose of 24 pounds of floatables prevented from leaving the MS4 C. Develop outreach materials addressing Floatables
3	C-1	Erosion Control Ordinance	A. List of 100% of Enforcement actions B. Review and update Ordinances (as needed)
3	C-2	Plan Review Procedures	A. 90% of construction plan reviews completed B. List of 100% of Land Disturbance Permits (LDP) submitted to the City
3	C-3	Construction Inspection	A. Conduct construction and Erosion & Sediment Control (ESC) inspections on 100% of release construction permits B. List of 100% of construction inspections performed C. List of 100% of ESC inspections D. Provide training to 100% of the City's construction inspectors and project managers E. Provide a list of 100% of the public stormwater infrastructure constructed and approved
3	C-4	Construction General Permit Training	A. Promotion of one CGP training B. Copy of CGP training material C. Host one CGP training D. Host 10 construction personnel on the CGP

MCM(s)	BMP	Stormwater Activity	Description/Comments
4	PC-1	Post Construction Ordinance	<ul style="list-style-type: none"> A. List of 100% of Enforcement actions B. Review and update Ordinances (as needed)
4	PC-2	Post Construction Inspections	<ul style="list-style-type: none"> A. List of 100% of Stormwater Management Site Plans (SWMSP) submitted to the City B. List of 100% pf Maintenance, Easement, Covenant, and Agreements (MECA) executed and recorded by the City C. List of 100% of SWMSP inspections
4	PC-3	Long Term Operation and Maintenance of Post Construction BMPs	<ul style="list-style-type: none"> A. Provide a list of 100% of the private and public post construction BMPs constructed and approved B. Updated maintenance schedule to include 100% of the accepted public structural BMPs C. Inspection of 80% of all existing private and public BMPs
4	PC-4	List of Water Quality CIP Projects	<ul style="list-style-type: none"> A. GIS coverage of water quality CIP components B. Updated Maintenance Plan (as needed)
5	GH-1	Stormwater Pollution Prevention Training	<ul style="list-style-type: none"> A. Updated BMP/SO manual pages (as needed) B. Provide stormwater training to 90% of all city staff
5	GH-2	Stormwater Controls at City Facilities	<ul style="list-style-type: none"> A. Provide 75% shelter from exposure to stormwater those materials with a potential to contribute to stormwater pollution at all city facilities B. Review and update inventory of all City Faculties and stormwater controls C. Perform inspections at all City facilities for stormwater compliance D. Copy of Industrial Stormwater permit for City Facilities (where applicable)
5	GH-3	Vehicle Maintenance	<ul style="list-style-type: none"> A. Document leak detection quarterly B. Document 100% of automotive fluids disposed

MCM(s)	BMP	Stormwater Activity	Description/Comments
5	GH-4	Vehicle Washing	A. Maintain oil/water separator annually
5	GH-5	Vehicle Fueling	A. Provide a copy of annual UST Report B. Update SPCC plan (as needed)
5	GH-6	Roadway Cleaning	A. 7,000 curb miles swept B. Purchase a new street sweeper (if warranted)
5	GH-7	Structural BMP & Stormwater System Maintenance	A. List of 100% of stormwater maintenance Work Orders in City Works B. Maintain 50% of all City owned storm sewer system C. Maintain 100% of all City owned non-storm sewer drainage structure
5	GH-8	Landscape and Lawn Care	A. Hire a City Arborist B. Provide landscape and lawn care training to 80% of all city staff who conducted public grounds and right of way maintenance C. Copy of licenses for all applicable City departments and divisions D. Copy of updated BMP/SOP Manual (as needed)
5	GH-9	Hazardous Materials Storage & Disposal	A. Provide hazardous materials storage and disposal training to 80% of all city Fleet and Public Works staff B. One copy of annual Hazardous Waste tracking form
5	GH-10	Used Oil Collection & Recycling	A. Conduct a minimum of 12 oil containment inspections B. Provide a copy of the inspection log C. Recycle 150 gallons of used oil
5	GH-11	Non-Stormwater Discharges	A. Used on 50% of water lines and fire hydrants flushed

MCM(s)	BMP	Stormwater Activity	Description/Comments
5	GH-12	City Construction Projects	A. Inspect 100% of all city construction projects for water quality compliance B. Assess the impacts of the receiving water(s) for 100% of all flood control projects
6	IS-1	Industrial Stormwater Sources Ordinance	A. Adopt an industrial stormwater ordinance B. Provide a copy of adopted industrial stormwater ordinance
6	IS-2	Identify Industrial Stormwater Sources	A. Evaluate pollutant test date B. One copy of test data
6	IS-3	Industrial Stormwater Testing	A. Provide training to the City's Environmental Specialist and Stormwater Field Inspector

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 BMPs	Description/Comments
NA	NA	NA

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.).

NA

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)
NA	NA	NA	NA

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: Central Texas Council of Governments (CTCOG) – Responsibility to fund and hold the Household Hazardous Waste collection

events. The City advertises the event on behalf of CTCOG to our residents. A Household Hazardous Waste collection event was also hosted in the City.

Name and Explanation: **Keep Killeen Beautiful (KKB)– Responsibility to perform outreach measures to residents in the City. The City supplies handouts, educational materials, staffing at events, participation in the committee, and help with stream clean up and recycling events.**

Name and Explanation: **Lampasas River Watershed Partnership (LRWP) – Responsibility to perform outreach measures to residents in the City and those in the watershed. The City supplies staff to be on the steering committee and work groups, a meeting location, and provide input on the formation of the Lampasas River Watershed Protection Plan. Publicized Rain Barrel Class ON March 5, 2020 arranged by LRWP.**

Name and Explanation: **Keep Temple Beautiful – advertise education out-reach & advertise HHHW & select recycling events that are open to the region.**

Name and Explanation: **Nolan Creek Watershed – Responsibility to perform outreach measures to residents in the City and those in the watershed. The City supplies staff to be on the steering committee and work groups, a meeting location, and provided input on the formation of the Nolan Creek Watershed Protection Plan.**

Name and Explanation: **Centex Sustainable Community Partnership – Responsible for conducting community outreach programs and projects to support sustainability. The City also supplies annual partial funding, handouts, educational materials, staffing at events and participation in the committee.**

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

Yes No

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

Yes No

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

Authorization Number: _____ Permittee: _____
 Authorization Number: _____ Permittee: _____
 Authorization Number: _____ Permittee: _____
 Authorization Number: _____ Permittee: _____

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):

_____ 73 _____

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:

<p>The number of municipal construction activities authorized under this general permit</p>	
<p>The total number of acres disturbed for municipal construction projects</p>	

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): Andrew Zagars, P.E. Title: CITY ENGINEER

Signature:  Date: 8/31/2022

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.