



CITY OF KILLEEN
DEVELOPMENT SERVICES DEPARTMENT
ENGINEERING DIVISION

August 16, 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:

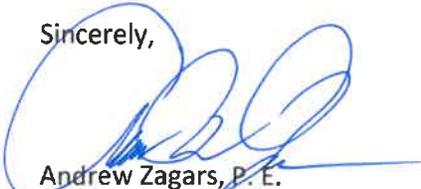
This letter serves to transmit the required Annual Report for the Texas Pollutant Discharge Elimination System Small Municipal Separate Storm Sewer System General Permit, Authorization Number TXR0400010 for the City of Killeen.

The annual report is for Year 2, reporting period beginning October 1, 2019 and ending September 30, 2020.

During a review of our files, it appears the Year 2 Annual Report had not been filed. The previous responsible signer is no longer with the City of Killeen. 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 Office 9, Stormwater Team in Waco, Texas.

Sincerely,



Andrew Zagars, P. E.
City Engineer

AZ:lld

cc: TCEQ Region 9
File

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): 2

Annual Reporting Year Option Selected by MS4:

Calendar Year: _____

Permit Year: _____

Fiscal Year: X Last day of fiscal year: 09/30/2020

Reporting period beginning date: (month/date/year) 10/01/2019

Reporting period end date (month/date/year) 09/30/2020

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, 2020.
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 "Satisfactory."
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 three 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.
1	PE-7 Stream Cleanup Event	Yes, the City offered two stream cleanup opportunities for public involvement. This actively includes the public in the reduction of pollutants in stormwater.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1	PE-8 Watershed Organizations	Yes, the City participated in eight 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.
2	ID-8 Reduce Failing Septic Systems	Yes, the City identified areas for Septic Tank Elimination Program and determining the number of new sewer tie-ins would reduce illicit discharges to the system. The entire City is connected to sanitary sewer.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
2	ID-9 Tracking of Illicit Discharges	Yes, the City investigated 126 IDL concerns and trained two IDL 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 28,581 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).
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 constructed and approved by the City.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
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.
5	GH-8 Landscape and Lawn Care	Yes, the City has five 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.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
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. 315 flood control projects occurred.
6	IS-1 Industrial Stormwater Sources Ordinance	Yes, the City held two 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	24 12	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	Program inserts developed	No. This BMP does not directly reduce pollution of stormwater. Education does, however, indirectly impact pollution by changing individuals' actions.
1	PE-6 Public Works Hotline	Public Works	100% 100%	Calls received Calls responded to	Yes. When public reports are received, immediate action can be taken to eliminate the pollutant discharge, if any.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1	PE-7 Stream Cleanup Event	Public Works and Volunteer Services	1 1	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	25	Watershed meetings	No. This BMP does not directly reduce pollution of stormwater. Education does, however, indirectly impact pollution by changing individuals' actions. Do to Covid-19 there were no in person meetings.
1	PE-9 Storm Drain Stenciling	Public Works GIS	1000	Storm Drain Stenciling Flyers	No. This BMP does not directly reduce pollution of stormwater. Education does, however, indirectly impact pollution by changing individuals' actions.
2	ID-1 Stormwater System Mapping	Public Works GIS	2 1	Unnamed tributaries mapped GIS SOP for new & repaired infrastructure, post construction BMPs, and inspections into GIS Database	No. Provides City staff with a map to quickly respond to and eliminate illicit discharges.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
2	ID-2 Illicit Discharge Ordinance & Brochures	Public Works	500	Update Ordinance as needed. Number of Brochures distributed	No. This BMP does not directly reduce pollution of stormwater. Education does, however, indirectly impact pollution by changing individuals' actions.
2	ID-3 Reduce Illegal Dumping	Public Works	500 100%	Illegal dumping brochures distributed Illegal dumping investigations	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 40,000 1	Household waste event Lbs. collected Consolidated Summary for HHW & Recycling Center	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	350,000 12,000	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	3 124 1	Unnamed tributaries mapped Screenings Update Screening Map in GIS	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	3 100% 100%	Illicit discharge reported Illicit discharges investigated Identify priority locations on the GIS map	Yes. Procedure to promptly address detected discharge of pollutants and eliminate them from stormwater.
2	ID-8 Reduce Failing Septic Systems	Identify 2 areas for Septic Tank Elimination Program (STEP)	2	Number of Septic tanks eliminated and tied into City sewer	Yes. This program eliminates septic issues and allows for connection to the City's sewer system.
2	ID-9 Tracking of Illicit Discharges	Public Works Illicit Discharge Program	100% 100%	Investigate ID concerns Train ID emergency response personnel Update written procedures	Yes. Procedure to promptly address detected discharge of pollutants and eliminate them from stormwater.
2	ID-10 Reduction in Floatables	Removal of Floatables	2 24 lbs.	Identify Potential Locations Removal of Floatables	Yes. This BMP will contain floatables in outfall areas.

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	100%	Enforcement actions Update Ordinance	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	90% 100%	Construction plan reviews completed Land Disturbance Permits submitted	No. Plan reviews will assist with the reduction of pollutants over time; however, not directly.
3	C-3 Construction Inspection	Public Works and ESC inspections	100% 100% 100% 100% 100%	Construction and Erosion & Sediment Control (ESC) inspections Inspections of Release Construction Plans List of ESC inspections Training of the City's construction inspectors and project manager trained List of Public Stormwater Infrastructure Approved and Constructed	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)
3	C-4 Construction General Permit	Public Works	1 1 1 10	Promote 1 Training Copy Training Material Host Training Train Individuals	No. This BMP does not directly reduce pollution of stormwater. Education does, however, indirectly impacts pollution by providing knowledge.
4	PC-2 Post Construction Ordinance	Public Works	100%	List Enforcement Actions Review and Update Ordinance (as needed)	Yes. Provides an opportunity to interact with individuals and educate on items that are non-compliant. No. This BMP does not directly reduce pollution of stormwater. Education does, however, indirectly impacts pollution by providing knowledge.
4	PC-2 Post Construction Inspections	Public Works	100% 100% 100%	List Stormwater Management Site Plans (SWMSP) submitted to City List MECA executed and recorded by the County SWMSP inspections	No. This BMP does not directly impact the reduction of pollutants. 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	100% 100% 80%	List Public and private post-construction BMPs Update Maintenance Schedule to include all Accepted Public Infrastructure Inspect All existing Public and Private BMPs	No. This BMP does not directly reduce pollution of stormwater. Yes. Inspections allow the City to determine noncompliance and issue violations which will reduce pollution to stormwater.
4	PC-4 List of Water Quality CIP Projects	Public Works	100%	Update Maintenance Plan as needed GIS Coverage of Water Quality CIP components	No. This BMP does not directly reduce pollution of stormwater.
5	GH-1 Stormwater Pollution Prevention Training	Public Works	90%	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.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
5	GH-2 Stormwater Controls at City Facilities	Public Works and City Departments	25% 100% 100% 100%	Provide shelter provided to materials at City Facilities Inventory all City facilities Inspect all 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. Inspection of facilities will show what items are in non-compliance.
5	GH-3 Vehicle Maintenance	Fleet Services	100% 100%	Document Leaking Vehicles Document gallons of automotive fluid disposed documented (oil/antifreeze)	Yes. Documentation of leaking vehicles allows for proper clean up and prioritizing repairs. Proper disposal of oil and antifreeze prevents it from potentially impacting water quality.
5	GH-4 Vehicle Washing	Fleet Services	100%	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-5 Vehicle Fueling	Fleet Services	100%	Provide Copy of Annual UST Report Update SPCC Plan (as needed)	No. This BMP does not directly reduce pollution of stormwater.
5	GH-6 Roadway Cleaning	Public Works	7,000	Curb miles swept	Yes. Sweeping curbs will directly 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)
5	GH-7 Stormwater BMP & Stormwater System Maintenance	Drainage Utility	100% 50% 50% 100%	Stormwater Maintenance Work Orders Miles of Storm 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. Yes, Maintaining the City's Sewer System keeps the system clean and helps prevent SSOs.
5	GH-8 Landscape and Lawn Care	Public Works	100% 14 80%	Copy of Licensed Employees City staff who conduct maintenance % of all City staff trained in lawn care Update BMP/SOP Manual (as needed)	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	1 80%	Hazardous Waste Tracking Form 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.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
5	GH-10 Used Oil Collection & Recycling	Fleet Services	12 150	Oil Containment Inspections Provide Copy of Inspection Log Recycled Oil	Yes. By inspecting oil containers leaks and potential issues would be detected. By recycling oil, the City prevents used oil from discharging to stormwater.
5	GH-11 Non-Stormwater Discharges	Public Works Water and Sewer Utilities	50%	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.
5	GH-12 City Construction Projects	Public Works Water and Sewer Utilities	100% 100%	City construction projects inspected for water quality compliance Assess the Impacts of Receiving Water for Flood control projects	Yes. Inspections allow the City to determine noncompliance and issue violations which 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)
6	IS-1 Industrial Stormwater Sources Ordinance	Industrial Stormwater Sources Ordinance	1 1 10	Stakeholder's meeting held Adopt an Industrial Stormwater Ordinance (update as needed) Host 1 Industrial Stormwater Training Training 10 Construction Personnel on Industrial Stormwater	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. A. The City ran 19 cable broadcasts. B. Posted 29 social media posts. Due to Covid and limited City staff.
MCM 1, PE-2 School Folders	A. 40,000 folders developed, purchased, and distributed to KISD students.	Goal Not Met. A. The City determined that the school folders were not cost-effective.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
MCM 1, PE-3 Stormwater Brochures	<ul style="list-style-type: none"> A. 1,000 brochures distributed B. Inventory of brochures C. Evaluation of process for distribution of outreach 	<p>Goal not Met.</p> <ul style="list-style-type: none"> A. Flyers were not handed out or placed in public locations due to Covid-19. B. We can have them printed as needed through the City's Communications department. C. Due to Covid-19 the process was limited.
MCM 1, PE-4 Utility Bill Inserts	<ul style="list-style-type: none"> A. 2 program inserts mailed with utility bill 	<p>Met Goal.</p> <ul style="list-style-type: none"> A. The City distributed 2 program inserts with 30,000 utility billing accounts.
MCM 1, PE-5 Stormwater Website	<ul style="list-style-type: none"> 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 	<p>Goal Not Met.</p> <ul style="list-style-type: none"> A. Due to Staff turnover and Covid-19, the Annual report was not completed. B. Due to Staff turnover the Webpage was not updated. C. A Screenshot can be taken of the webpage and saved.
MCM 1, PE-6 Public Works Hotline	<ul style="list-style-type: none"> A. Provide 1 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. 1 CRM summary report 	<p>Partially Met Goal.</p> <ul style="list-style-type: none"> A. The City received 25 calls from the Public Works Response Hotline. B. The City received and responded to 25 calls from the Public Works Response Hotline. C. 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	<ul style="list-style-type: none"> A. Publicize 1 event B. Support 1 clean up event 	<p>Goal Not Met.</p> <ul style="list-style-type: none"> A. Due to Covid-19 there were no in person events held. B. Due to Covid-19 there were no in person events held.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
MCM 1, PE-8 Watershed Organizations	<ul style="list-style-type: none"> 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 	<p>Partially Met Goal.</p> <ul style="list-style-type: none"> A. The City maintained a partnership with CENTEX sustainable community. B. Meetings were not held due to the Covid-19 pandemic.
MCM 1, PE-9 Storm Drain Stenciling	<ul style="list-style-type: none"> A. Distribute 1,000 flyers B. Update GIS inlet map with 100% of inlets marked 	<p>Goal not Met.</p> <ul style="list-style-type: none"> A. Flyers were not handed out or placed in City locations due to Covid-19 B. Inlets were not marked due to staff turnover and Covid-19.
MCM 2, ID-1 Stormwater System Mapping	<ul style="list-style-type: none"> A. Map two unnamed tributaries B. Add 100% of collected data to GIS database C. Cross training and stormwater certification for remaining GIS staff (3 GIS Technicians, 1 GIS SR. Technician/Analyst) 	<p>Partially Met Goal.</p> <ul style="list-style-type: none"> A. The city mapped 2 unknown tributaries. B. All collected data was added to the GIS database. C. Training of GIS technicians or senior GIS personnel is not applicable due to staff turnover.
MCM 2, ID-2 Illicit Discharge Ordinance	<ul style="list-style-type: none"> A. List of 100% of illicit discharge enforcement actions B. Copy of Ordinance Changes (if any) 	<p>Partially Met Goal.</p> <ul style="list-style-type: none"> A. Illicit discharge enforcement actions were conducted; however, the City is unable to identify supporting documentation due to staff turnover and department restructuring. B. No Ordinance change made.
MCM 2, ID-3 Reduce Illegal Dumping	<ul style="list-style-type: none"> A. Distribute 100 illegal dumping brochures B. List of 100% illegal dumping investigations 	<p>Goal not Met.</p> <ul style="list-style-type: none"> A. Illegal dumping brochures were not distributed due to Covid-19. B. Due to staffing shortage and Covid-19, the City did not perform any illegal dumping investigations.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
MCM 2, ID-4 Household Chemical Collection and Recycling	<ul style="list-style-type: none"> A. Promotion of 1 HHW event B. Host 1 HHW events C. Collect and dispose of 40,000 pounds of HHW materials D. Provide 1 consolidated summary of HHW material types and quantity collected at the recycling center 	<p>Met Goal.</p> <ul style="list-style-type: none"> A. The City did promote 1 HHW event. B. The City hosted 1 HHW event. C. 36,780 lbs. of HHW were collected D. CFL's 1%, Flammables 10%, Corrosives 3%, Oxidizers 1%, Pesticides, herbicides 12% and Paint / Paint related 73% collected items.
MCM 2, ID-5 Eliminate Sanitary Sewer Overflow	<ul style="list-style-type: none"> A. Clean 350,000 ft./year of sewer lines B. TV 12,000 ft./year of sewer lines 	<p>Met Goal.</p> <ul style="list-style-type: none"> A. The City cleaned 1,071,578 feet of sewer lines. B. TV inspected 72,977 feet of sewer lines.
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 	<p>Partially Met Goal.</p> <ul style="list-style-type: none"> A. The City added 3 new unnamed tributaries to be inspected. B. Maps were updated with the new locations. C. The City inspected 136 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 	<p>Goal not Met.</p> <ul style="list-style-type: none"> A. The City does not have any reports of illicit discharges due to Covid-19 and department restructuring. B. The City did not have documentation of investigating any discharges due to Covid-19 and department restructuring. C. 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 1 STEP B. Map of 100% of investigation types and locations C. Identify priority areas on a map 	<p>Goal Met.</p> <ul style="list-style-type: none"> A. The City is successfully moving forward to remove all septic systems in the City. B. The City has not received any complaints concerning any systems. C. There have not been any identified areas placed on the map.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
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 	<p>Goal not Met.</p> <ul style="list-style-type: none"> A. Due to Covid-19 and staff turnover the City did not make in changes to procedures. B. Due to Covid-19 and staff turnover there is no documentation of illicit discharge investigations. C. Due to Covid-19 and staff turnover the City didn't hold any training.
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 	<p>Goal not Met.</p> <ul style="list-style-type: none"> A. The City did not install any BMPs due to department restructuring and staff turnover and Covid-19. B. There has not been a development of SOPs as of yet.
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) 	<p>Goal not Met.</p> <ul style="list-style-type: none"> A. Due to Covid-19, staff turnover and restructuring, no enforcement actions were noted. B. There were not updates to Ordinances due to staff turnover and restructuring.
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 	<p>Goal Partially Met.</p> <ul style="list-style-type: none"> A. The City received 57 construction plan submittals and 22 land disturbance permits submitted. B. The City does not have a list of LDPs submitted due to staff turnover and department restructuring.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
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 	<p>Goal Partially Met.</p> <ul style="list-style-type: none"> A. The City released 788 construction permits. B. Conducted 6,898 construction inspections, however, there is no documentation. C. Due to Staff turnover and department restructuring documentation is not available. D. Due to Covid-19 and department restructure there was no training. E. Due to department restructuring we are attempting to locate the information concerning the public stormwater infrastructure was constructed or approved during 2019-2020.
MCM 3, C-4 Construction General Permit Training	<ul style="list-style-type: none"> A. Promotion of 1 CGP training B. Copy of CGP training material C. Host 1 CGP training D. Train 10 construction personnel on the CGP 	<p>Goal Not Met.</p> <ul style="list-style-type: none"> A. 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) 	<p>Met Goal.</p> <ul style="list-style-type: none"> A. The City assigned no enforcement actions during this time that was documented. B. There were not changes to the ordinance during 2019-2020.
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 at the County C. List of 100% of SWMSP inspections 	<p>Met Goal.</p> <ul style="list-style-type: none"> A. The City received 15 SWMSP. B. The City executed 15 and recorded 9 MECAs. C. Due to staff turnover, there are no records provided.

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 	<p>Met Goal.</p> <ul style="list-style-type: none"> A. The City approved 109 private and public BMPs. B. The City inspected 109 private and public BMPs. C. Due to staff turnover and department restructuring records are unavailable.
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) 	<p>Goal not Met.</p> <ul style="list-style-type: none"> A. The City does not have a list of CIP water Quality projects, due to department restructure and turnover in staff. B. Due to staff turnover and department restructuring records are unavailable.
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 	<p>Partially Met Goal.</p> <ul style="list-style-type: none"> A. Due to Staff turnover and department restructuring it is unsure if any updates were made. B. 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) 	<p>Met Goal.</p> <ul style="list-style-type: none"> A. The City has provided cover to 95% of materials that have the potential to impact stormwater at City facilities. B. There is an inventory of City owned properties. C. Additionally, the City inspected all 200 City facilities for stormwater compliance. D. The City 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 	<p>Met Goal.</p> <ul style="list-style-type: none"> A. The City did not identify any leaks. B. A total of 3,006 gallons of oil and 1,309 gallons of antifreeze were disposed of or recycled.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
MCM 5, GH-4 Vehicle Washing	A. Maintain oil/water separator annually	Met Goal. A. The City maintained the oil/water separator on March 19, 2020 and August 12, 2021. B. The City collected and disposed of 974 gallons of waste.
MCM 5, GH-5 Vehicle Fueling	A. Provide a copy of the annual UST Report B. Update SPCC plan (as needed)	Met Goal. A. The City developed an annual UST report and records are available. B. SPCC Plans did not require any updates.
MCM 5, GH-6 Roadway Cleaning	A. 7,000 curb miles swept B. Evaluate the need to replace an existing street sweeper	Goal not Met. A. The City swept 1759 curb miles. B. The City is evaluating budget in order to purchase a new street sweeper.
MCM 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 stormwater sewer system C. Maintain 100% of all City owned sewer drainage infrastructure	Met Goal. A. The City received 404 maintenance work orders in City Works B. The City maintained all 236 systems of storm sewer system and 297 inlet boxes. C. The City maintained 1,074,578 feet of City-owned sewer infrastructure.
MCM 5, GH-8 Landscape and Lawn Care	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. A. Due to staff turnover and department restructuring, the City does not have any records of non-chemical pest management practices at city-owned facilities. B. Due to Covid-19 training was not provided during this reporting period. C. The City maintained licenses and trained all 14 members. D. There have been no updates to the BMP/SOP manual.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
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. 1 copy of annual Hazardous Waste tracking form 	<p>Goal not Met.</p> <ul style="list-style-type: none"> A. Due to Covid-19 and department restructuring training was not held. B. Due to Covid-19 and department restructuring the form was not completed.
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 	<p>Partially Met Goal.</p> <ul style="list-style-type: none"> A. The City did not inspect any oil containment due to department restructuring and staff turnover. B. Due to Covid-19 and department restructuring inspection logs were not maintained. C. The City recycled 3,006 gallons of used oil.
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 de-chlorination equipment 	<p>Partially Met Goal.</p> <ul style="list-style-type: none"> A. The City flushed 1,071,578 ft of waterlines. B. De-chlorination tablets were placed into the curb and gutter only.
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) 	<p>Goal not Met.</p> <ul style="list-style-type: none"> A. Due to staff shortages and Covid-19 inspection reports were not completed for construction projects. B. Due to staff shortages and department restructuring, the flood control projects were not inspected. C. Due to Staff shortages SOPs were not reviewed or updated.
MCM 6, IS-1 Industrial Stormwater Sources Ordinance	<ul style="list-style-type: none"> A. Hold 1 Stakeholders meeting B. Provide a copy of the Stakeholder sign in sheet C. Develop a draft ordinance 	<p>Goal not Met.</p> <ul style="list-style-type: none"> A. Due to Covid-19 Stakeholder meetings were not held. B. Due to Covid-19 not meetings were held. C. Due to Staff shortages an Ordinance was not drafted.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
MCM 6, IS-2 Identify Industrial Stormwater Sources	A. Evaluate pollutant test data B. 1 copy of test data C. Implement priority and procedures for inspection and implementation of control measures	Met Goal. A. The City evaluated test data for all locations tested. B. The City maintains a copy of test data. C. The City implemented priority procedures.
MCM 6, IS-3 Industrial Stormwater Testing	A. Review and update industrial stormwater testing procedures (if warranted)	Met Goal. A. Due to staff shortages the City did not 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-1 Public Service Announcements	Cable Broadcast and Social Media Posting	19 29	Cable Broadcast Social Media Topics	No. This BMP does not directly reduce pollution of stormwater. However, education does indirectly impact pollution by changing individuals' actions.
1	PE-2 School Folders	Public Works	0	School Folders	No. This BMP does not directly reduce pollution of stormwater. However, education does 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-3 Stormwater Brochures	Public Works	0	Brochures distributed	No. This BMP does not directly reduce pollution of stormwater. However, education does 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. However, education does indirectly impact pollution by changing individuals' actions
1	PE-6 Public Works Hotline	Public Works	25 25	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	0 0	Bags collected Volunteers	Yes. It provides opportunities for the public to remove debris from streams; therefore, preventing the discharge of pollutants stormwater. This event was canceled due to Covid-19.
2	ID-4 Household Chemical Collection and Recycling	Public Works and Killeen Recycling Center	1 36,780 18.39	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	1,071,578 12,000	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	3 124	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	0	Illicit discharges 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	0 0 0 0	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	0	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-2 Plan Review Procedures	Public Works Planning	57 57 22	Construction plans submitted Construction plans reviewed Land Disturbance Permits	No. Plan reviews will assist with reduction of pollutants over time; however, not directly.
3	C-3 Construction Inspection	Public Works and ESC inspections	788 6,898 0 0	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	15 15/9 15	Stormwater Management Site Plans submitted to City MECA executed and recorded by the County SWMSIP 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 15	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	95 200 200 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 3,006/1,309	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	974	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	1,759	Curb miles swept	Yes. Sweeping curbs will directly 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)
5	GH-7 Stormwater BMP & Stormwater System Maintenance	Drainage Utility	404 236 297 1,074,578	Stormwater work orders Number 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	3,006	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	<ul style="list-style-type: none"> A. 24 Cable Broadcasts B. Copy of 24 applicable Social Media postings on water quality
MCM 1, PE-7 Stream Cleanup Event	<ul style="list-style-type: none"> A. Publicize 1 event B. Support 1 clean up event
MCM 1, PE-8 Watershed Organizations	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> A. List of 100% of illicit discharge enforcement actions B. Distribute 100 Illicit Discharge Brochures C. Copy of Ordinance Changes (if any)
MCM 2, ID-3 Reduce Illegal Dumping	<ul style="list-style-type: none"> A. Distribute 100 illegal dumping brochures B. List of 100% illegal dumping investigations
MCM 2, ID-5 Eliminate Sanitary Sewer Overflow	<ul style="list-style-type: none"> A. Clean 350,000 ft./year of sewer lines B. TV 12,000 ft./year of sewer lines
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
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
MCM 2, ID-8 Reduce Failing Septic System	<ul style="list-style-type: none"> A. Complete 1 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
<i>NA</i>	<i>NA</i>	<i>NA</i>	<i>NA</i>

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

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.

Description of Bacteria-Focused BMP	Comments/Discussion
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.

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 1 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. 1 CRM summary report
1	PE-7	Stream Cleanup Event	A. Publicize 1 event B. Support 1 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
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

MCM(s)	BMP	Stormwater Activity	Description/Comments
2	ID-2	Illicit Discharge Ordinance	<ul style="list-style-type: none"> A. List of 100% of illicit discharge enforcement actions B. Copy of Ordinance changes (if any)
2	ID-3	Reduce Illegal Dumping	<ul style="list-style-type: none"> A. Distribute 100 illegal dumping brochures B. List of 100% of illegal dumping investigations
2	ID-4	Household Chemical Collection and Recycling	<ul style="list-style-type: none"> A. Promotion of 1 HHW event B. Host 1 HHW event C. Collect and dispose of 40,000 pounds of HHW materials D. Provide 1 consolidated summary of HHW material types and quantity collected at the recycling center E. Evaluate the historical trends for recyclables collected F. Provide 1 consolidated summary of material types and quantity collected at the recycling center
2	ID-5	Eliminate Sanitary Sewer Overflows	<ul style="list-style-type: none"> A. Clean 350,000 ft./year of sewer lines B. TV 12,000 ft./year of sewer lines
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 minimum of 140 existing sites
2	ID-7	Illicit Discharges Investigations	<ul style="list-style-type: none"> A. Investigate 100% of reported illicit discharges B. List of 100% of investigation types and location C. Identify priority areas on a map
2	ID-8	Reduce Failing Septic Systems	<ul style="list-style-type: none"> A. Identify 2 areas for a Septic Tank Elimination Project (STEP)
2	ID-9	Tracking of Illicit Discharges	<ul style="list-style-type: none"> 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

MCM(s)	BMP	Stormwater Activity	Description/Comments
2	ID-10	Reduction in Floatables	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> A. List of 100% of Enforcement actions B. Review and update Ordinances (as needed)
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
3	C-3	Construction Inspection	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> A. Promotion of 1 CGP training B. Copy of CGP training material C. Host 1 CGP training D. Host 10 construction personnel on the CGP
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 at the County C. List of 100% of SWMSP inspections

MCM(s)	BMP	Stormwater Activity	Description/Comments
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 Facilities 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
5	GH-4	Vehicle Washing	<ul style="list-style-type: none"> A. Maintain oil/water separator annually
5	GH-5	Vehicle Fueling	<ul style="list-style-type: none"> A. Provide a copy of annual UST Report B. Update SPCC plan (as needed)
5	GH-6	Roadway Cleaning	<ul style="list-style-type: none"> A. 7,000 curb miles swept B. Purchase a new street sweeper (if warranted)
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 storm sewer system C. Maintain 100% of all City owned non-storm sewer drainage structure

MCM(s)	BMP	Stormwater Activity	Description/Comments
5	GH-8	Landscape and Lawn Care	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> A. Provide hazardous materials storage and disposal training to 80% of all city Fleet and Public Works staff B. 1 copy of annual Hazardous Waste tracking form
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
5	GH-11	Non-Stormwater Discharges	<ul style="list-style-type: none"> A. Used on 50% of water lines and fire hydrants flushed
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 impacts of the receiving water(s) for 100% of all flood control projects
6	IS-1	Industrial Stormwater Sources Ordinance	<ul style="list-style-type: none"> A. Adopt an industrial stormwater ordinance B. Provide a copy of adopted industrial stormwater ordinance
6	IS-2	Identify Industrial Stormwater Sources	<ul style="list-style-type: none"> A. Evaluate pollutant test date B. 1 copy of test data
6	IS-3	Industrial Stormwater Testing	<ul style="list-style-type: none"> 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: _____

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 No

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

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

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: 8/17/2022

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.