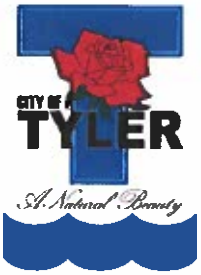
P.O. Box 2039
Tyler, Texas 75710



511 W. Locust
Tyler, Texas 75702

6 March 2019

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

Re: Phase II MS4 Annual Report Transmittal for the City of Tyler
TPDES Authorization: TXR040041

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 Permit, Authorization Number TXR040041 for the City of Tyler.

The annual report is for Year 5 reporting period beginning 10/01/2018 and ending 12/31/2018.

As required by the general permit a copy of this submittal has also been delivered to the TCEQ's Region 5 office, in Tyler, Texas.

Sincerely,

Paul Neuhaus, P.E.

Paul E. Neuhaus, P.E.
Environmental Compliance Engineer

Cc: TCEQ Region 5 Office, Tyler, Texas

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040041

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

Annual Reporting Year Option Selected by MS4:

Calendar Year _____

Permit Year _____

Fiscal Year: 2018 - 2019 Last day of fiscal year: (09/30/2019)

Reporting period beginning date: (month/date/year) 10/01/2018

Reporting period end date (month/date/year) 12/31/2018

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

Contact Name: Paul Neuhaus Telephone Number: 903-531-1085

Mailing Address: P.O. Box 2039, Tyler, TX 75710-2039

E-mail Address: pneuhaus@tylertexas.com

A copy of the annual report was submitted to the TCEQ Region YES X NO___
Region the annual report was submitted: TCEQ Region 5

B. Status of Compliance with the MS4 GP and SWMP

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

	Yes	No	Explain
Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.		X	All BMPs are being followed; however, some goals are behind schedule, specifically preventative inspections and maintenance.

Permittee is currently in compliance with recordkeeping and reporting requirements.	X		City is currently in compliance with these requirements.
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.)	X		City meets the eligibility requirements.

2. Provide a general assessment of the appropriateness of the selected BMPs. You may use the table below (**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/PI	Utility Bill Inserts (PE/PI-1)	Yes, increases public awareness of stormwater issues and involvement in reducing discharges.
1: PE/PI	Stormwater Brochures (PE/PI-2)	Yes, increases public awareness of stormwater issues and involvement in reducing discharges.
1: PE/PI	Stormwater Website (PE/PI-3)	Yes, increases public awareness of stormwater issues and educates the public on BMPs in use.
1: PE/PI	Public Service Announcements/Social Media (PE/PI-4)	Yes, increases public awareness of stormwater issues and involvement in reducing discharges.
1: PE/PI	School Take-Home Folders (PE/PI-5)	Yes, increases student education on stormwater issues and encourages involvement in reducing discharges.
1: PE/PI	Storm Drain Marking by City Staff (PE/PI-6)	Yes, educates public about storm drains and how they convey stormwater directly to streams and rivers, which may thereby decrease the potential for illegal dumping.
1: PE/PI	Stream Clean-up Projects (PE/PI-7)	Yes, this directly decreases the discharge of pollutants into water bodies and is a good opportunity to increase community awareness and involvement.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
1: PE/PI	Facility Tours (PE/PI-8)	Yes, educates the public, particularly students, on the impacts of pollutants in stormwater and how it affects the treatment process at the water treatment plant and the importance of proper disposal of waste materials at the recycling center.
1: PE/PI	Adopt a Street, Park or Spot (PE/PI-9)	Yes, directly involves the public in decreasing the discharge of stormwater pollutants.
2: ID	Storm Drain System Outfall Mapping (ID-1)	Yes, the maps are important in helping City staff identify and eliminate the discharge of pollutants into stormwater.
2: ID	Dry Weather Screening (ID-2)	Yes, helps City staff in identifying and eliminating the discharge of pollutants into stormwater, particularly for illegal connections of wastewater to the storm sewer system.
2: ID	Illicit Discharge Investigations (ID-3)	Yes, helps educate City staff in identifying and eliminating the discharge of pollutants into stormwater.
2: ID	Illicit Discharge Ordinance (ID-4)	Yes, gives City a regulatory mechanism to specifically prohibit illicit discharges and illegal connections.
2: ID	Reduce Sanitary Sewer Overflows (ID-5)	Yes, proactive cleaning and inspection has been shown to reduce the number of SSOs in City.
2: ID	Solid Waste Collection Events (ID-6)	Yes, this BMP was shown to be effective in the past in reducing the discharge of pollutants into stormwater.
2: ID	Reduce Illegal Dumping (ID-7)	Yes, the stormwater hotline and camera surveillance at problem dump sites has been effective.
2: ID	Reduce Failing Septic Systems (ID-8)	Yes, the septic system maintenance brochure promotes the proper operation and maintenance of septic systems by the public.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
2: ID	Illicit Discharge Training (ID-9)	Yes, helps City staff in identifying and eliminating the discharge of pollutants into stormwater, particularly for illicit discharges.
2: ID	Pet Waste Management (ID-10)	Yes, this BMP serves as a focused BMP to address bacterial contamination due to pet waste.
3: C	Enforce Erosion Control Ordinance (C-1)	Yes, gives City a regulatory mechanism to specifically require an erosion control plan with project plans.
3: C	Erosion Control Plan Review (C-2)	Yes, this BMP requires City staff to review plans and ensure an appropriate erosion control plan is in place for all earth disturbing activities.
3: C	Construction Site Inspections (C-3)	Yes, this BMP requires inspection of construction activities in regards to erosion control, and reduces the discharge of pollutants.
3: C	Construction General Permit Training (C-4)	Yes, educates City staff on requirements of erosion control BMPs and construction permitting.
3: C	Stormwater Hotline for Receipt of Public Comment (C-5)	Yes, actively involves the public in the implementation of City's stormwater program.
4: PC	Post Construction Ordinance (PC-1)	Yes, gives City a regulatory mechanism to specifically address post construction runoff from new development.
4: PC	Post Construction BMP Manual (PC-2)	Yes, outlines design standards for development of post-construction BMPs.
4: PC	Long Term Operation and Maintenance of BMPs (PC-3)	Yes, operation and maintenance of BMPs is important in reducing pollutants to stormwater. However, City does not currently have any public infrastructure BMPs to maintain, all are privately owned and maintained BMPs. A NOC will be submitted changing this BMP to cover the privately owned BMPs only. See Section F for more information.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
4: PC	Sediment Control at City Facilities (PC-4)	Yes, this BMP prevents the transport of sediment off-site.
5: GH	Stormwater Pollution Prevention Training (GH-1)	Yes, educates City staff on stormwater pollution prevention techniques and requirements.
5: GH	Used Tire and Battery Recycling (GH-2)	Yes, recycling of these materials lowers the risk of stormwater pollution.
5: GH	Vehicle Washing (GH-3)	Yes, instead of discharging potential pollutants to the street, the wash water is filtered through a sand trap, reducing the number of pollutants discharged.
5: GH	Vehicle Fueling (GH-4)	Yes, informs City staff of safe fueling procedures and spill containment kit procedures, ensures USTs are not leaking.
5: GH	Landscape and Lawn Care (GH-5)	Yes, ensures that pesticide applicators are licensed, confirming that they are knowledgeable in the proper application rates and methods of lawn care chemicals.
5: GH	Roadway Cleaning (GH-6)	Yes, helps reduce the volume of debris and trash on City streets and in waterways.
5: GH	Storm Drain System Operation and Maintenance (GH-7)	Yes, reduces the amount of debris, trash and pollutants in City storm drain system.
5: GH	MS4 Facility Specific SOPs (GH-8)	Yes, educates City staff on BMPs that are applicable to their specific facility.
5: GH	Used Oil Collection and Recycling (GH-9)	Yes, proper disposal and recycling of these materials lowers the risk of stormwater pollution.
5: GH	Airport Operations (GH-10)	Yes, requires the airport to implement certain stormwater controls.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
5: GH	City Facilities and Control Inventory (GH-11)	Yes, important for determining the potential of high priority city facilities to discharge pollutants.
5: GH	Municipal Operation and Maintenance Activities (GH-12)	Yes, important in identifying and implementing pollution prevention (PP) measures during City operation and maintenance (O&M) activities.
5: GH	Contractor Oversight (GH-13)	Yes, requires contractors to take certain stormwater pollution control measures because they are contractually obligated.
5: GH	Good Housekeeping Clean-up (GH-14)	Yes, proper disposal and recycling of these materials lowers the risk of stormwater pollution.
7th MCM	Master Construction SWP3	Yes, allows small projects that City performs to be permitted under the MS4 permit.

3. Describe progress towards reducing the discharge of pollutants to the maximum extent practicable. Summarize any information used (such as visual observation, amount of materials removed or prevented from entering the MS4, or if required monitoring data, etc.) to evaluate reductions in the discharge of pollutants. You may use the table (**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/PI	Utility Bill Inserts (PE/PI-1)	Utility Bill Inserts in Water Bills	N/A for this permit year	Utility Bill Inserts Distributed	No, however it educates the public on stormwater issues, which will result in future pollutant reduction.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
1: PE/PI	Stormwater Brochures (PE/PI-2)	Brochures at kiosk	No new printing required	Brochure	No, however it educates the public on stormwater issues, which will result in future pollutant reduction.
1: PE/PI	Stormwater Website (PE/PI-3)	Stormwater management website	1	Website	No, however it educates the public on stormwater issues, which will result in future pollutant reduction.
1: PE/PI	Public Service Announcements/ Social Media (PE/PI-4)	PSAs and Social Media Posts	1 PSA per month; 1 social media post per month	PSA Airing and Social Media Post	No, however it educates the public on stormwater issues, which will result in future pollutant reduction.
1: PE/PI	School Take Home Folders (PE/PI-5)	School Take Home Folders Distributed	0; Done by calendar year	Book Covers Distributed	No, however it educates the students on stormwater issues, which will result in a pollutant decrease in the future.
1: PE/PI	Storm Drain Marking by City Staff (PE/PI-6)	Storm Drain Markers Placed	26	Storm Drain Markers Placed	No, however it educates the public that storm drains convey directly to streams and rivers.
1: PE/PI	Stream Clean-up Projects (PE/PI-7)	Clean-up events	0	Clean-up Event	Yes, clean-up events directly decrease stormwater pollution.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
1: PE/PI	Facility Tours (PE/PI-8)	Tours	3	Tour	No, however it educates the public and students on what can be done to reduce stormwater pollution, which will result in a pollutant decrease in the future.
1: PE/PI	Adopt a Street, Park, or Spot (PE/PI-9)	Adoptions	10	Adoption	Yes, adoptions result in cleaning up streets, parks, or other spaces, thereby directly reducing stormwater pollution.
2: ID	Storm Drain System Outfall Mapping (ID-1)	GPS / GIS Data	1	Each (City-wide GIS Outfall Map)	No, however having accurate location information allows City staff to communicate about and follow up on problems at specific outfalls and/or areas of the storm drainage system.
2: ID	Dry Weather Screening (ID-2)	Screenings	3	Screening	Yes, when dry weather discharge is discovered and tested, immediate action can be taken to detect and remove the pollutant and its source.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
2: ID	Illicit Discharge Investigations (ID-3)	Inspections	186 Initial 16 Follow-up	Inspection	Yes, when illicit discharges or illegal dumping are observed, immediate action can be taken to remove the pollutant and track the source.
2: ID	Illicit Discharge Ordinance (ID-4)	Citations Issued	6	Citation	Yes, when illicit discharges or illegal dumping are observed, immediate action can be taken to remove the pollutant and track the source.
2: ID	Reduce Sanitary Sewer Overflows (ID-5)	Sewer Collection Lines CCTV and Cleaning (feet)	150,937' CCTV; 355,886' cleaned	Linear Feet (LF) per Permit Year	Yes, when sewer collection lines are proactively inspected and cleaned, this reduces the potential for SSOs.
2: ID	Solid Waste Collection Events (ID-6)	Collection Events	0	Collection Event	Yes, this directly decreases stormwater pollutants by increasing proper disposal.
2: ID	Reduce Illegal Dumping (ID-7)	Illegal Dump Sites	5	Camera	Yes, when illegal dumping is observed, immediate action can be taken to remove the pollutant and track the source.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
2: ID	Reduce Failing Septic Systems (ID-8)	Brochures at Kiosk	FULL	Brochure	No, however it educates the public on operation and maintenance of septic systems, which will result in a pollutant decrease in the future.
2: ID	Illicit Discharge Training (ID-9)	Training Sessions	0	Meeting	No, however it educates City staff on proper procedures and what to look for in regards to illegal dumping, spills, illicit discharges, etc. which will decrease stormwater pollution in the future.
2: ID	Pet Waste Management (ID-10)	Supplies	12,000	Pet Waste Bag	Yes, directly reduces bacterial contamination due to pet waste.
3: C	Enforce Erosion Control Ordinance (C-1)	Investigations / Citizen Complaint Responses / Citations	0	Case	Yes, requires contractors to implement erosion control measures on their construction sites, thereby reducing stormwater pollution.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
3: C	Erosion Control Plan Review (C-2)	Plans	100%	Review	No, but ensures the contractors have what is necessary to implement appropriate erosion control during construction.
3: C	Construction Site Inspections (C-3)	Site	17	Inspection	Yes, inspecting the construction sites ensures that each has the appropriate erosion control BMPs in place to reduce sediment discharge and erosion.
3: C	Construction General Permit Training (C-4)	Training	0	Session	No, however education aids in compliance.
3: C	Stormwater Hotline for Receipt of Public Comment (C-5)	Complaints	1	Complaint	Yes, when illicit discharges or illegal dumping are observed, immediate action can be taken to remove the pollutant and track the source.
4: PC	Post Construction Ordinance (PC-1)	Enforcement Orders	0	Orders	Yes, requires contractors to implement post construction BMPs, thereby reducing stormwater pollution.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
4: PC	Post Construction BMP Manual (PC-2)	Review	Complete	Review	Yes, reviews design guidelines for Post-Construction BMPs for use on construction sites.
4: PC	Long Term Operation and Maintenance of BMPs (PC-3)	Inspection and Procedures	Developed procedure for tracking permanent privately maintained BMPs	Process	Yes, requires public and private BMPs to be maintained.
4: PC	Sediment Control at City Facilities (PC-4)	Inspection	3	Inspection	Yes, the rock check dam at the streets department, as well as the containment berms around stockpiled materials prevents material wash out and stormwater pollution.
5: GH	Stormwater Pollution Prevention Training (GH-1)	Training sessions	1	Training Sessions	No, but the training educates City staff on stormwater pollution prevention techniques.
5: GH	Used Tire and Battery Recycling (GH-2)	Tires and batteries recycled	21.88 tons of tire casings; 0.45 tons of batteries	Tires and Batteries Recycled (Tons of Each)	Yes, this directly decreases stormwater pollutants by increasing proper disposal.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
5: GH	Vehicle Washing (GH-3)	Grit trap cleanings	0	Cleaning	Yes, by decreasing the potential for stormwater pollutants to be discharged from the wash water.
5: GH	Vehicle Fueling (GH-4)	Maintain UST leak detection system	6	UST System Report	Yes, by ensuring the UST are not leaking.
5: GH	Landscape and Lawn Care (GH-5)	Staff licensed	4	Staff Licensed	Yes, by ensuring City staff is knowledgeable in the proper application rates and methods for lawn care chemicals, thereby reducing excess use.
5: GH	Roadway Cleaning (GH-6)	Miles swept	5,765	Miles Swept	Yes, helps reduce the volume of debris and trash on City streets and in waterways.
5: GH	Storm Drain System Operation and Maintenance (GH-7)	Areas requiring inspections and cleaning	10 Storm-cepters, 36 Major Bridges, 53 Minor Bridges	Each	Yes, requires the streets department to inspect and maintain areas requiring clean-up.
5: GH	MS4 Facility Specific SOPs (GH-8)	High Priority Facilities included	Maintained and reviewed	Manual Mainte-nance	No, however it educates City staff on BMPs and SOPs for individual facilities, which will decrease stormwater pollution in the future.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
5: GH	Used Oil Collection and Recycling (GH-9)	Used oil collected and recycled	2,400	Gallons	Yes, proper disposal and recycling of these materials lowers the risk of stormwater pollution.
5: GH	Airport Operations (GH-10)	Inspections	1	Inspection	Yes, requires the airport to implement certain stormwater controls, lowering the risk of stormwater pollution.
5: GH	City Facilities and Control Inventory (GH-11)	Assessments	5	City Facility Review	Yes, requires inspection of City facilities and ensures compliance with MS4 permit and corrects deficiencies.
5: GH	Municipal Operation and Maintenance Activities (GH-12)	Assessments	1	Procedure Review	Yes, reduces the potential for releases by education, training, and increasing awareness
5: GH	Contractor Oversight (GH-13)	Inspections	20	Site Visit	Yes, ensures proper contractor behavior
5: GH	Good Housekeeping Clean-up (GH-14)	Annual clean up at high priority facilities	0	Clean-up	Yes, proper disposal and recycling of unused construction and other materials lowers the risk of stormwater pollution.
7: MC	Master Construction SWP3	Work Orders	211	Jobs	Yes, proper procedures prevents discharges

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
Utility Bill Inserts (PE/PI-1)	N/A – No goal required during this permit term in the BMP.	
Stormwater Brochures (PE/PI-2)	Report number of brochures per year	Goal Achieved – still have sufficient number of brochures, none needed to be printed.
Stormwater Website (PE/PI-3)	1 screen shot of updated web page with link	Goal Achieved – the City maintained the Stormwater Management Plan website and updated links and posted links to the SWMP and Year 4 report.
Public Service Announcements / Social Media (PE/PI-4)	1 PSA broadcast/month; 1 social media post/month	Goal Achieved - Broadcasting one (1) stormwater PSA at least once per day on Channel 3; two (2) stormwater applicable PSAs on YouTube; average of one (1) social media post/press release post per month.
School Take Home Folders (PE/PI-5)	1 folder for each student at 8 TISD elementary school	Goal Not Achieved – 'Year' is only tree (3) months. Folders were distributed at the beginning of the '17-18 School year, and are schedule for distribution at the beginning of the '18-19 School year.
Storm Drain Marking by City Staff (PE/PI-6)	Mark at least 15 inlets/year. Updated GIS map of marked inlets.	Goal Exceeded – 26 storm drain markers placed.
Stream Clean-up Projects (PE/PI-7)	At least one clean up event	Goal Not Achieved - 'Year' is only three (3) months.
Facility Tours (PE/PI-8)	Conduct at least 5 facility tours/year	Goal Not Achieved - 'Year' is only three (3) months, and only three (3) tours were given.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved If goal was not accomplished please explain
Adopt a Street, Park or Spot (PE/PI-9)	Report on number of adoptions per year	Goal Achieved – 10 adoptions.
Storm Drain System Outfall Mapping (ID-1)	1 watershed per year – outfalls mapped	Goal Achieved – Outfalls are mapped in each watershed; GIS database is updated with current data.
Dry Weather Screening (ID-2)	Consolidate outfall screening maps	Goal In-Progress – Outfalls will continue to be added as investigations are performed.
Illicit Discharge Investigations (ID-3)	List of Initial and Follow-up Investigations	Goal Achieved – There were 186 Initial and 16 Follow-up Investigations for this time period.
Illicit Discharge Ordinance (ID-4)	Report on number of enforcement orders	Goal Achieved – There were 6 Citations issued during this time period.
Reduce Sanitary Sewer Overflows (ID-5)	Clean 400,000 ft/ year; TV 40,000 ft/ year; Visual inspection logs	Goal Exceeded - 'Year' is only three (3) months; 150,937' CCTV; 355,886' cleaned.
Solid Waste Collection Events (ID-6)	N/A – No measurable goal required during this permit term in the BMP.	
Reduce Illegal Dumping (ID-7)	Deploy at least 6 cameras at dump sites. Update map of cameras and active dump sites.	Goal Not Achieved – 'Year' is only three (3) months; five (5) cameras were deployed within this timeframe.
Reduce Failing Septic Systems (ID-8)	Report on number of brochures printed by Smith County.	Goal Achieved – No new printing required.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved If goal was not accomplished please explain
Illicit Discharge Training (ID-9)	N/A - No revised training needed	
Pet Waste Management (ID-10)	Number of supplies ordered	Goal Achieved – ordered approximately 12,000 pet waste bags during the permit year.
Enforce Erosion Control Ordinance (C-1)	List of enforcement orders or fines	Goal Achieved – City conducted 17 erosion control inspections during permit year; zero (0) enforcement orders.
Erosion Control Plan Review (C-2)	Review 100% of plans submitted. List/map of active construction sites	Goal Achieved – 100% of plans submitted were reviewed; list of active construction sites is maintained by City.
Construction Site Inspections (C-3)	Report number of construction site inspections	Goal Achieved – City conducted 17 erosion control inspections during permit year.
Construction General Permit Training (C-4)	Advertise training to staff as available	There were no local training classes to advertise, therefore no training was completed. When available, it is advertised to staff.
Stormwater Hotline for Receipt of Public Comment (C-5)	Report number of complaints	Goal Achieved – total of 1 complaint to hotline.
Post Construction Ordinance (PC-1)	Report on number of enforcement orders/citations	Goal Achieved – no enforcement actions were required during this time period.
Post Construction BMP Manual (PC-2)	N/A – No goal required during this permit term in the BMP	

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved If goal was not accomplished please explain
Long Term Operation and Maintenance of BMPs (PC-3)	Updated GIS map. Semi-annual inspection of public infrastructure BMPs	Goal In-progress – working to get the BMPs inspections to be preventative rather than reactive.
Sediment Control at City Facilities (PC-4)	Inspection checklist/log	Goal Achieved – the City maintains log of inspections on rock check dam and material stockpiles. All material stockpiles are maintained within containment berms.
Stormwater Pollution Prevention Training (GH-1)	Training 1/year	Goal Not Achieved – Neither Wastewater Treatment Plants (WWTPs) underwent training; airport and vehicle and equipment services (VES) have completed training.
Used Tire and Battery Recycling (GH-2)	Weight of batteries and used tires recycled	Goal Achieved – there were 21.88 tons of tires and 0.45 tons of batteries recycled.
Vehicle Washing (GH-3)	Clean at least once/year	Goal Not Achieved - 'Year' is only three (3) months. Grit trap was cleaned 2 times in 2018, in previous reporting period.
Vehicle Fueling (GH-4)	UST system report	Goal Achieved – six (6) UST system reports – all passed.
Landscape and Lawn Care (GH-5)	Ensure at least 2 staff have a Pesticide Applicator License	Goal Exceeded – four (4) licensed applicators currently on staff.
Roadway Cleaning (GH-6)	Clean 2,000 lane miles	Goal Exceeded – 5,765 miles of roadway swept.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved If goal was not accomplished please explain
Storm Drain System Operation and Maintenance (GH-7)	Inspection/Cleaning logs	Goal Not Achieved – since storm system and storm drain routine maintenance has been more reactive and preventative due to manpower issues, the GIS database verifications and/or updates are behind schedule.
MS4 Facility Specific SOPs (GH-8)	Revise as needed and maintain SOP manual	Goal Achieved – manual was maintained.
Used Oil Collection and Recycling (GH-9)	Report on volume of oil recycled	Goal Achieved – there were 2,400 gallons of oil recycled.
Airport Operations (GH-10)	Report number of inspections and update maps if outfalls change	Goal Achieved - inspection completed on 12/20/18. Outfall maps up to date.
City Facilities and Control Inventory (GH-11)	Provide inspection forms for high priority facilities. Update GIS map as needed	Goal Achieved – conducted assessment of three (3) City facilities.
Municipal Operation and Maintenance Activities (GH-12)	Report on number of Inspections and Maintenance	Goal Not Achieved - Intend to complete during year 1 of next permit cycle.
Contractor Oversight (GH-13)	Report on the number of contracts issued	
Good Housekeeping Clean-up (GH-14)	Hold at least one annual clean up at high priority facilities	Goal Exceeded – airport, streets, VES, water service center, and solid waste cleans up throughout the year at regular intervals.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved If goal was not accomplished please explain
7th MCM	Report number of construction activities permitted under 7th MCM	Goal Achieved - Approximately one (1) construction activities utilizing the concrete batch plant and approximately 211 total construction activities permitted under the master SWP3.

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.? (Refer to the MS4 General Permit TXR040000 Part IV Section B.2.(b))

Laboratory analysis was not utilized to analyze any dry weather flow sample collections. Dry weather screening took place in Black Fork Creek basin. Said dry weather screenings had no discernable flow but one (1) sample was collected, immediately adjacent to a stormwater outfall. Bench analysis by City personnel gave no indication of a pollutant of concern.

Storm drain inlet and stormceptor inspection and cleaning, as well as routine inspections of storm system utilities is a priority. Continued diligence to properly sample, observe, and prevent contamination of stormwater at City facilities shall continue.

D. Impaired Waterbodies

1. 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: (Refer to MS4 General Permit TXR040000 Part IV Section B.2.(c))

   BMP ID-10 addresses the management of bacterial contamination resulting from pet waste. Black Fork and West Mud creeks are currently impaired; however, no TMDL is developed. Sampling of creeks to monitor potential impairment, above and beyond dry weather sampling, is a potential goal for the next permit cycle.

2. Describe the implementation of targeted controls if the small MS4 discharges to an impaired water body with an approved TMDL (Refer to the MS4 General permit TXR040000; Part II Section D.4.(a)):

   There is no approved TMDL; thus, this is not applicable.

3. Report the benchmark identified by the MS4 and assessment activities (Refer to the MS4 General permit TXR040000; Part II Section D.4.(a)(6)):

Benchmark Parameter *(Ex: Total Suspended Solids)*	**Benchmark Value**	**Description of additional sampling or other assessment activities**	**Year(s) conducted**
Bacteria	None	N/A	N/A
Depressed Dissolved Oxygen	None	N/A	N/A

4. Provide an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark (Refer to the MS4 General permit TXR040000; Part II Section D.4.(a)(4)):

Benchmark Parameter	**Selected BMP**	**Contribution to achieving Benchmark**
N/A	N/A	N/A

5. If applicable, report on focused BMPs to address impairment for bacteria (Refer to the MS4 General Permit TXR040000; Part II Section D.4.(a)(5)):

Description of bacteria-focused BMP	Comments/Discussion
PE/PI-2: Stormwater Brochures provide information and are always available during working hours.	Various topics are covered, including pet waste and the harm that bacterial sources can cause.
PE/PI-3: Stormwater website provide information and is always available.	Various topics are covered, including pet waste and the harm that bacterial sources can cause.
PE/PI-4: PSAs and Social Media provide information regularly.	Various topics are covered, including pet waste and the harm that bacterial sources can cause.
ID-10: Pet Waste Management – four (4) City Parks have Pet Waste Stations to minimize bacterial contamination in area creeks.	City has maintained this BMP for this permit year by supplying 12,000 waste bags and four (4) City parks.

6. Assess the progress to determine BMP's effectiveness in achieving the benchmark (Refer to the MS4 General Permit TXR040000; Part II.D.4.(a)(6)):

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

- number of sources identified or eliminated;
- decrease in number of illegal dumping;
- increase in illegal dumping reporting;
- number of educational opportunities conducted;
- reductions in sanitary sewer flows (SSOs)
- increase in illegal discharge detection through dry screening

Benchmark Indicator	Description/Comments
N/A	N/A

E. Stormwater Activities

Describe stormwater activities the MS4 operator plans to undertake during the next reporting year. You may use the table below (Refer to the MS4 General Permit TXR040000 Part IV Section B.2.(d)):

City of Tyler plans to renew, with modifications as applicable, it MS4 permit in the next reporting year. Activities will continue per the current permit, with emphasis on proactive inspection of existing BMPs, dry weather outfall inspections, inventory and asset database updates, and reviewing current practices to incorporate improvements into the MS4 renewal.

F. SWMP Modifications

1. 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__X__No

If 'Yes', report on changes made to measurable goals and BMPs (Refer to the MS4 General Permit TXR040000 Part IV Section B.2.(e)):

MCM(s)	Measurable Goal(s) or BMP(s)	Implemented or Proposed Changes (Submit NOC as needed)
N/A	N/A	N/A

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.

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

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 (Refer to the MS4 General permit TXR040000 Part IV Section B.2.(f)).

BMP	Description	Implementation Schedule (Start Date etc.)	Status / Completion Date (completed, in progress, not started)
N/A	N/A	N/A	N/A

H. Additional Information

1. Is the permittee relying on another entity to satisfy some of its permit obligations? (refer to the MS4 General Permit TXR040000 Part IV Section B.2.(g))

   ___ Yes _X_ 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: N/A

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

___ Yes _X_ 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: N/A Permittee: N/A

I. Construction Activities

1. The number of construction activities that occurred in the jurisdictional area of the MS4 (Notices if intent and site notices received; Refer to the MS4 General Permit TXR040000 Part IV Section B.2.(h)) _____

2a. Does the permittee utilize the optional 7th MCM related to construction?

_X_ Yes ___ No

2b. If 'yes,' then provide the following information for this permit year (refer to the MS4 General Permit TXR040000 Part IV Section B.2.(i)):

The number of municipal construction activities authorized under this general permit	Approximately one (1) construction activities utilizing the concrete batch plant and approximately 211 total construction activities permitted under the master SWP3.
The total number of acres disturbed for municipal construction projects	Each activity disturbed less than one acre of soil; estimated total soil disturbance is less than five (5) acres.

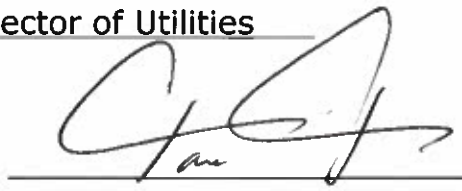
Note: *Though the seventh MCM is optional, implementation must be requested on the NOI or on a NOC and approved by the TCEQ*

J. Certification

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): Dr. Jimmie Johnson, PhD

Title: Director of Utilities

Signature:  Date: 03/06/2019

Name of MS4: City of Tyler

Note: 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).

Supplemental Information Relating to City's Website:
http://www.cityoftyler.org/Departments/StormwaterManagementProgram/BestManagementPractices.aspx

TYLER A Natural Beauty

Home

Tuesday, March 5, 2019

Stormwater Management Program > Best Management Practices

- Best Management Practices
  - Public Education / Involvement
  - Illicit Discharge Detect / Elimin
  - Constr Site SW Runoff Control
  - Post-Construction SW Mgmt
  - Poll Prevent / Good Housekeep
  - Municipal Constr Activities
- Activities for Kids
- FAQs

Report Surface Water Quality Problems by calling the Stormwater Hotline at (903) 531-1393

Overview

The Clean Water Act (CWA) was passed in 1972 with the goal of improving water quality in the nation's streams. The primary emphasis was to establish a system to control pollution from point sources (i.e., localized and stationary pollution sources). The CWA established the National Pollutant Discharge Elimination System (NPDES), that requires anyone discharging a pollutant from a municipal wastewater or industrial point source must obtain a NPDES permit, which specifies effluent limits, monitoring requirements and enforcement mechanisms.

The CWA also contains regulations to address pollution from diffuse non-point sources. Phase I of the NPDES regulations required municipalities with populations over 100,000 to classify their stormwater runoff and develop programs to reduce the pollutants in the runoff. In 1999, the EPA passed regulations, known as Phase II, that required permits for stormwater discharges from small Municipal Separate Storm Sewer Systems (MS4s) by March 2003. After a series of lawsuits, which temporarily suspended implementation of the Phase II regulations, the Texas Commission on Environmental Quality (TCEQ) issued its final Texas Pollutant Discharge Elimination System (TPDES) Small MS4 General Permit on August 13, 2007.

That permit required small MS4s, including the City of Tyler, to develop a Stormwater Management Program. The original permit expired in 2012, and a new permit became effective on December 13, 2013. Tyler was able to review, revise and update its SWMP as part of the new permit. The City's current Stormwater Management Program consists of the following six Minimum Control Measures (MCMs):

- Public Education, Outreach, and Involvement
- Illicit Discharge Detection and Elimination
- Construction Site Stormwater Runoff Control
- Post Construction Stormwater Management in Areas of New Development and Redevelopment
- Pollution Prevention / Good Housekeeping for Municipal Operations
- Authorization for Municipal Construction Activities

Each MCM contains specific activities, prohibitions of practices, maintenance procedures, and other management practices called Best Management Practices (BMPs), that the City will undertake in an effort to prevent or reduce the pollution of waters in and around the City. A copy of the City's current Storm Water Management Program can be found here:

- Stormwater Management Program

Annual Reports

The City must submit reports every year to describe the progress in meeting the goals of each BMP included in the SWMP. Click on the following links to download copies of the annual reports that have been submitted under the current stormwater permit:

- Year 4: 10/01/2017 - 09/30/2018
  - Cover Letter
  - Report
- Year 3: 10/01/2016 - 09/30/2017
- Year 2: 10/01/2015 - 09/30/2016
- Year 1: 08/13/2013 - 09/30/2015

Links

- TCEQ Stormwater Permits
- EPA Stormwater from Municipal Sources
- EPA Urbanized Area Maps
- Center for Watershed Protection
- North Central Texas Council of Governments Regional Stormwater Management Program