Phase II Municipal Separate Storm Sewer System (MS4)

City of Georgetown

Year 4 Annual Report

David Morgan, City Manager
12-12-2018

(Letterhead)

Contents

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: <u>TXR040487</u>

Reporting Year: <u> 4 </u>

Annual Reporting Year Option Selected by MS4:

Calendar Year<u>   </u>

Permit Year<u>   </u>

Fiscal Year: <u>   X   </u>   Last day of fiscal year: <u>(9/30/18)</u>

Reporting period beginning date: (month/date/year) <u>10/01/2017</u>

Reporting period end date (month/date/year) <u>09/30/18</u>

MS4 Operator Level: <u> 3 </u> Name of MS4: <u>   City of Georgetown   </u>

Contact Name: <u>Dan Southard</u>   Telephone Number: <u>512-930-8152</u>

Mailing Address: <u>   300-1 Industrial Ave. Georgetown, TX 78627 </u>

E-mail Address: <u>   dan.southard@georgetown.org   </u>

A copy of the annual report was submitted to the TCEQ Region YES <u> x </u> NO<u>   </u>
   Region the annual report was submitted. TCEQ Region <u> 11 </u>

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

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.)
Public Education, Outreach and Involvement	Community Education – Market campaign via online webpage and social media	Yes, the full marketing campaign was underway this year. This includes webpage, social media, billing inserts, brochures and education and outreach events. These will be viewed by a substantial number of citizens.
Public Education, Outreach and Involvement	Garden and Lawn Care Education- Post education and outreach materials online. Promote availability of materials.	Yes, education and outreach materials for garden and lawn care are available online and in brochure form at key City Offices including City Hall, Planning, Library, Parks And Rec, and Georgetown Utility Systems. This continues to help educate citizens of the connection of fertilizers to stream water quality.
Public Education, Outreach and Involvement	Household Hazardous Waste Education- Assess effectiveness of outreach; identify barriers to use.	Yes, barriers to use of the HHW program were identified. Staff assessed the effectiveness of the HHW program education materials. The City continues to promote this program in an effort to increase knowledge and participation in proper disposal/recycling of hazardous materials.
Public Education, Outreach and Involvement	Volunteer Inlet Marking- Training for volunteer leaders; List of marking locations; post education and outreach materials online.	Yes, volunteer leaders were trained, this includes several City staff. Information was posted online for the program. This program will allow citizens to participate "hands-on" in placing signage/markers to increase knowledge concerning pollutants entering waterways.
Public Education, Outreach and Involvement	Stream Cleanup Projects- Continue list of clean up locations and dates.	Yes, a list of locations and dates is ongoing. Additional staff trained as volunteer leaders. The City continues to develop and refine this program to increase participation of citizens in cleaning up our waterways, creating ownership and pride for the City's assets.
Public Education, Outreach and Involvement	Tree Planting Program – distribute education and outreach materials and report the number of tree plantings and planting events & dates.	Yes, tree plantings and tree giveaways were held. The City continues to develop environmental awareness of the benefits of trees, especially those related to water quality through planting, give away events and educational materials.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
Public Education, Outreach and Involvement	Attitude Survey- Continue education and outreach materials revisions and distribute revised materials	Yes, revisions to education and outreach materials and distribution have continued. In an effort to improve our education and outreach, we consistently review and refine our materials.
Public Education, Outreach and Involvement	FOG Campaign – Continue updated campaign.	Yes, we continued our current campaign, including social media posts encouraging proper FOG techniques around the holidays. This could potentially lead to a reduction in FOG ending up in our pipes and waterways.
Public Education, Outreach and Involvement	Public Access to SWMP- continue to provide online access to SWMP; provide any additional public notices necessary to meet State and local requirements	Yes, access to SWMP is available through the website for citizens to view anytime.
Illicit Discharge Detection and Elimination	Illicit Discharge Ordinance – Enforce ordinance.	Yes, Enforcement of ordinance is ongoing. Code enforcement officers have been addressing illicit discharge complaints and including stormwater coordinator in investigations.
Illicit Discharge Detection and Elimination	Citizen Complaint Hotline – Newsletter, webpage, or press release and list on complaints	Yes, the Citizens Complaint Hotline is included on education/outreach materials, including newsletters, and online. Connecting the Citizen Hotline to these resources allows more opportunity for use of the hotline by citizens, and potentially increasing the number of call received concerning illicit discharges and other water quality issues.
Illicit Discharge Detection and Elimination	Storm Drain and Outlet Mapping – Update system map: map the South Fork San Gabriel and Smiths Branch watersheds	Yes, teams mapping watersheds have completed these watershed and are updating system regularly. The BMP is necessary to help catch, locate and determine flow of illicit discharges, resulting in containment and cleaning in a timely manner. This reporting year, the team has mapped 3,806 stormwater assets.
Illicit Discharge Detection and Elimination	The Collection Station – Continue program with quarterly reports; assess need for additional oil collection alternatives in S. Fork San Gabriel and Smiths Branch watersheds.	Yes, Collection Station reports are continuing to be collected and assessments have been made. This reporting year, the Collection Station accepted: 175 car batteries; 4.76 tons of used motor oil; 10 pounds used oil filters.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
Illicit Discharge Detection and Elimination	Staff IDDE Education – 1 Training for new employees, list of attendees/dates.	Yes, Training for was held for staff on IDDE. List of attendees and dates are available. The training for IDDE is an opportunity for City staff to learn about IDDE, how to spot it, and what to do when they see it. This puts more eyes on the issue and potentially increase the number of ID incidents that are reported.
Illicit Discharge Detection and Elimination	Illicit Discharge Investigations – List of investigation types and locations.	Yes, a list of investigation types and locations is available. ID investigations are important to manage and be aware of. Maintaining a record of investigations will allow us to track and note any patterns in ID occurrences in the City.
Illicit Discharge Detection and Elimination	Sanitary Sewer System Cleaning – Clean 30,000 feet of sanitary sewer	Yes, the sanitary sewer system cleaning was completed as an ongoing City program. This program reduces the chance of pollution via ensuring clean sewer system.
Construction Site Stormwater Runoff Control	Staff Training – Identify staff requiring training. Begin staff training.	Yes, staff were identified and 1 training was given. This training provides our field operations and inspection staff the knowledge to report issues and conduct stormwater and erosion control inspections throughout the City.
Construction Site Stormwater Runoff Control	Construction Plan Review and Permitting – Begin implementing revised plan review procedures. Develop tracking system and inventory of active public and private construction sites.	Yes, few changes were made due to use of program that is well liked, but revised procedures were implemented. Developed tracking system for active public and private construction sites.
Construction Site Stormwater Runoff Control	Construction Site Inspection and Enforcement – Begin implementing revised inspection procedures.	Yes, revised inspection procedures were implemented. Inspectors are clear about what is expected at construction sites and can efficiently inspect and address issues they come across, reducing pollutants reaching stormwater system and waterways.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
Post Construction Stormwater Management in New and Redevelopment	Review of Permanent BMPs – Continue implementing revised plan review procedures.	Yes, tracking system has continued to be implemented.
Post Construction Stormwater Management in New and Redevelopment	Detention and Pollutant Attenuation – Begin implementing procedure regulation review and updating process.	Yes, the City has actively participated in various working group type meetings addressing elements of detention and attenuation of pollutants. This is a valuable BMP in that it has the staff meeting with other municipalities or stakeholders to address issues related to pollutants in nearby waterways.
Post Construction Stormwater Management in New and Redevelopment	Long – term Maintenance of PC BMPs – Develop maintenance plan tracking procedures to verify that maintenance plans have been prepared and recorded.	Yes, the City has this in its UDC, and is necessary for construction to begin. This ensures that property owners are maintaining BMPs per their plan.
Post Construction Stormwater Management in New and Redevelopment	Post - Construction Stormwater Management Ordinance – Begin Implementing procedures to review maintenance records.	Yes, procedures to review maintenance records have been implemented. This is another method of educating the public about the responsibilities of having a pond on their property.
Pollution Prevention/ Good Housekeeping for Municipal Operations	Permittee - Owned Facilities and Control Inventory - Maintain/ update database and maps.	Yes, database and maps are maintained and updated. This allows all City staff to be aware of facilities in use.
Pollution Prevention/ Good Housekeeping for Municipal Operations	Staff Training and Reporting – 1 training for new employees; list of attendees and dates.	Yes, 1 staff training was held during the reporting year. This training was used to educate staff on pollution prevention, how to avoid spills and other potential issues leading to pollutants entering waterways, and what to do if there is an issue.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
Pollution Prevention/ Good Housekeeping for Municipal Operations	Contractor Oversight- Require use of revised standard contract.	Yes, the City still requires the use of the revised standard contract in order to stay in compliance with permitting and City construction standards and specifications.
Pollution Prevention/ Good Housekeeping for Municipal Operations	Street Sweeping- All City streets swept at least once annually.	Yes, all City streets were swept at least once during the reporting year with a total of 1850 lane miles swept. Street sweeping is effective at reducing the amount of pollutants entering storm drain inlets.
Pollution Prevention/ Good Housekeeping for Municipal Operations	Inlet Drain and Structure Cleaning- Annual reports on cleaning activities; meet inlet and culvert goals.	Yes, inspection and cleaning of 27 priority storm drain inlets was completed during the reporting year. Inspecting and cleaning stormwater infrastructure keeps debris from clogging inlets, pipes, and outfalls, as well as reduces the amount of debris and pollutants entering nearby waterways.
Pollution Prevention/ Good Housekeeping for Municipal Operations	Facility Assessments and SOPs- Prepare SOPs for Georgetown Municipal Complex	Yes, SOPs were prepared for Georgetown Municipal Complex. Warehouse and Fleet Managers are primary responsible parties for inspection of GMC facility in an effort to be aware of stormwater runoff at this location.
Pollution Prevention/ Good Housekeeping for Municipal Operations	Licensed Applicators – Copies of license renewals for annual report.	Yes, City has obtained copies of license renewals for the annual report. Proper licensing ensures that applicators have been trained in techniques that benefit both human and environmental safety.
Pollution Prevention/ Good Housekeeping for Municipal Operations	Municipal Complex Improvements- Install asphalt speed bump downstream of transformer.	Yes, the City installed an asphalt speedbump downstream of the transformers. The speedbump slows and divert runoff to a water quality pond.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
Pollution Prevention/ Good Housekeeping for Municipal Operations	Parks Facility Improvements – None	N/A, no requirements for Year 4.
Pollution Prevention/ Good Housekeeping for Municipal Operations	Pool Facility Improvements – Install overhead cover over equipment at Village Pool	Yes, an overhead equipment cover was installed at Village Pool. Pool equipment covers ensure that runoff will not pick up any chemicals that may be on or near equipment.

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	1.1	Marketing full education and outreach program	51,629	Views on website, social media, bill inserts, brochures and events.	No, however, increasing the awareness and knowledge of stormwater related issues such as water quality will eventually lessen the amount of pollutants into area streams and rivers.
2	2.3	Storm Drain and Outlet Mapping	3,806 including 306 inlets	Infrastructure/assets mapped	Yes, infrastructure maps will allow us to more quickly address and track illicit discharges and ultimately correct issues faster.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
3	3.1	Staff Training	6	Employee participants total	Yes, Educates our inspection and field operations staff to confidently evaluate construction sites for any items needing corrective action; and identify illicit discharges and correct actions for spills and safety.
5	5.5	Cleaning activities report	27; 585	High Priority inlet inspections/cleanings; total inlet inspections/cleanings	Yes, infrastructure cleaning reduces the amount of pollutants reaching and entering local waterways.

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
Public Education, Outreach and Involvement	Community Education – Add billing inserts and brochures to the campaign.	Met goal, billing inserts and brochures were added to the Big Three marketing campaign. Several education and outreach events were also participated in or hosted by the City in addition to annual requirement. Materials were handed out at these events.

See Exhibits 1.1, 1.2, 1.3 |
| Public Education, Outreach and Involvement | Garden and Lawn Care Education- Make education and outreach material handouts available to public at City Offices. | Met goal, education and outreach materials and handouts were made available in City offices, including City Hall, Georgetown Municipal Complex, Library, Planning, and Parks and Rec. Social media and newsletter outreach were also used.

See Exhibit 2.1 |

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved If goal was not accomplished please explain
Public Education, Outreach and Involvement	Household Hazardous Waste Education- Assess effectiveness of outreach; identify barriers to use	Met goal, outreach effectiveness was assessed and barriers to use were identified. See Exhibits 3.1, 3.2, 3.3
Public Education, Outreach and Involvement	Volunteer Inlet Marking- Training of volunteer leaders; list of marking locations and dates; Post education and outreach materials online.	Met goal, training for volunteer leaders; list of marking locations and dates; post education and outreach materials online. City's GIS department currently working on an app to allow volunteers to track mapping of marked inlets as they go. See Exhibits 4.1, 4.2
Public Education, Outreach and Involvement	Stream Cleanup Projects- Continue list of cleanup locations and dates	Met goal, continued to list clean up events formal/informal along waterways. Some impact from flooding events near end of reporting period (September '18). See Exhibits 5.1
Public Education, Outreach and Involvement	Tree Planting Program – report numbers of tree plantings and planting events/dates. Distribute education and outreach materials.	Met goal, 40 trees were planted along the San Gabriel River at Garey Park by Master Naturalists volunteers. The City also hosted an Arbor Day tree giveaway, giving residents 200 trees along with education information. See Exhibits 6.1, 6.2,6.3
Public Education, Outreach and Involvement	Attitude Survey- continue education and outreach materials revisions and distribute revised materials.	Met goal, revisions to education and outreach materials and distribution have continued. See Exhibits 7.1
Public Education, Outreach and Involvement	FOG Campaign – continue updated campaign	Met goal, Continued with updated campaign. Posts to social media sites were also made. See Exhibit 3.1, 3.2, 8.1
Public Education, Outreach and Involvement	Public Access to SWMP- continue to provide online access to SWMP; provide any additional public notices necessary to meet State and local requirements	Met goal, access to SWMP is available through the website. See Exhibit 9.1

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved If goal was not accomplished please explain
Illicit Discharge Detection and Elimination	Illicit Discharge Ordinance – Enforce ordinance	Met goal, City Code Enforcement continue to enforce ordinance. See Exhibit 10.1
Illicit Discharge Detection and Elimination	Citizen Complaint Hotline – Newsletter, webpage, or press release and list on complaints	Met goal, the Citizen Complaint Hotline is included on education/outreach materials, including newsletters, and online. See Exhibit 11.1
Illicit Discharge Detection and Elimination	Storm Drain and Outlet Mapping – Update system map: map the South Fork San Gabriel and Smiths Branch watersheds	Exceeded goal, team mapping watersheds is ahead of schedule and update system regularly. See Exhibit 12.1, 12.2
Illicit Discharge Detection and Elimination	The Collection Station – Continue program with quarterly reports; assess need for additional oil collection alternatives in S. Fork San Gabriel and Smiths Branch watersheds	Met goal, Collection Station reports are continuing to be collected and assessments have been made. This year the Collection station collected 175 car batteries, 4.76 tons of used motor oil, 10 used oil filters, 17 A/C units, 133 refrigerators, and 15.81 tons of tires. The Household Hazardous waste vouchers led to collection of 78,011 lbs. of acceptable materials, with 881 customers. See Exhibit 3.3
Illicit Discharge Detection and Elimination	Staff IDDE Education – 1 Training for new employees, list of attendees/dates.	Met goal, training was held for staff on IDDE. This year 6 staff from four departments took the IDDE training. Other related trainings and conferences attended by staff. See Exhibit 13.1, 25.1,29.1
Illicit Discharge Detection and Elimination	Illicit Discharge Investigations – List of investigation types and locations.	Six illicit discharge investigation occurred during the reporting year. See Exhibit 10.1
Illicit Discharge Detection and Elimination	Sanitary Sewer System Cleaning – Clean 30,000 feet of sanitary sewer	Met goal, sewer system cleaning was completed as part of an ongoing program. See Exhibit 14.1

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished please explain
Construction Site Stormwater Runoff Control	Staff Training – Identify staff requiring training; being training.	Met goal, 6 staff from four departments participated in this training. Staff also attended other related trainings and conferences. See Exhibit 13.1, 27.1, 28.1, 29.1
Construction Site Stormwater Runoff Control	Construction Plan Review and Permitting – Begin implementing revised review procedures; develop tracking system and inventory of active public and private construction sites.	Met goal, implementation of revised procedures is under way. Staff have developed methods of tracking active construction sites. Staff currently use MyPermitNow and continue to find it suitable for their needs.
Construction Site Stormwater Runoff Control	Construction Site Inspection and Enforcement – Begin implementing revised inspection procedures.	Met goal, began implementing revised inspection procedures. See Exhibit 15.1
Post Construction Stormwater Management in New and Redevelopment	Review of Permanent BMPs – Continue implementing revised plan review procedures.	Met goal, continue to keep track of as built stormwater quality measures as they are being planned and developed by mapping. This year 665 as built stormwater assets were collected and mapped. City managed ponds are also being tracked and maintained. Pond inspection were performed October 6th 2017, April 2-3, 2018 and July 5-6, 2018. Exhibit 20.1
Post Construction Stormwater Management in New and Redevelopment	Detention and Pollutant Attenuation – Begin implementing procedure regulation review and updating process.	Met goal, City participated in multiple working group style meetings with other departments and municipalities to address issues related to pollution detention and attenuation. Including stormwater/MS4 participating in the BIP (Business Improvement Process) program, holding individual department meetings across City, participating in field meeting with consultants and County to look at salamander habitat and geologic features. See Exhibits 16.1

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved If goal was not accomplished please explain
Post Construction Stormwater Management in New and Redevelopment	Long term Maintenance of PC BMPs — Develop maintenance plan tracking procedures to verify that maintenance plans have been prepared and recorded.	Met goal, tracking procedures were developed via requiring recordation receipts and reminder flyers to pond owners. See Exhibits: 17.1, 17.2
Post Construction Stormwater Management in New and Redevelopment	Post - Construction Stormwater Management Ordinance – Begin implementing maintenance record review procedures.	Met goal, procedures have been implemented to review maintenance records. This includes a reminder flyer that will be sent out to property owners annually. See Exhibit 17.2
Pollution Prevention/ Good Housekeeping for Municipal Operations	Permittee - Owned Facilities and Control Inventory - Maintain/ update database and maps.	Met goal, database and maps are maintained and updated. See Exhibits 18.1
Pollution Prevention/ Good Housekeeping for Municipal Operations	Staff Training and Reporting – 1 training for new employees, list of attendee and dates	Met goal, training for 13 employees was held on July 17th, 2018. Six staff also attended a chemical spill response/ OSHA Level 2 training. One staff member attended an Asset Management course. See Exhibits 19.1, 25.1, 26.1, 29.1
Pollution Prevention/ Good Housekeeping for Municipal Operations	Contractor Oversight- Require use of revised standard contract.	Met goal, the City still requires the use of the revised standard.
Pollution Prevention/ Good Housekeeping for Municipal Operations	Street Sweeping- All City streets swept at least once annually.	Met goal, with a total of 1,850 lane miles swept. The City has a total of 740 total lane miles, City streets were swept a total of 2.5 times. 482.44 tons of debris was swept and disposed of. See Exhibit 20.1

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved If goal was not accomplished please explain
Pollution Prevention/ Good Housekeeping for Municipal Operations	Inlet Drain and Structure Cleaning- Annual reports on cleaning activities; meet inlet and culvert goals.	Met goal, a total of 27 High Priority inlets and structures were cleaned this reporting period. Total inlets cleaned 585. See Exhibit: 20.1
Pollution Prevention/ Good Housekeeping for Municipal Operations	Facility Assessments and SOPs- Prepare SOPs for Municipal Complex	Met goal, SOPs were developed for the Municipal Complex. See Exhibit: 21.1
Pollution Prevention/ Good Housekeeping for Municipal Operations	Licensed Applicators – Copies of license renewals for annual report.	Met goal, copies of license renewals were obtained for the annual report. See Exhibit: 22.1
Pollution Prevention/ Good Housekeeping for Municipal Operations	Municipal Complex Improvements- Install asphalt speed bump downstream of transformers	Met goal, An asphalt speedbump was placed downstream of transformers. See Exhibit: 23.1
Pollution Prevention/ Good Housekeeping for Municipal Operations	Parks Facility Improvements – None	N/A, no improvements to Parks facilities were required this reporting year.
Pollution Prevention/ Good Housekeeping for Municipal Operations	Pool Facility Improvements – Install overhead cover over equipment at Village Pool	Met goal, overhead cover was installed over equipment at Village pool. See Exhibit 24.1

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))

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))

   The City's impaired river does not have a TMDL, however we do address the pollutants of concern for the N. Fork San Gabriel / San Gabriel River. Our education and outreach materials are aimed to educate citizens about pet waste, release of pool water, use of fertilizers and floatable/litter. Training city – wide staff on illicit discharge and proper construction site procedures has increased the number of eyes on the City in an effort to catch any incidents.

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)):

   No TMDLs within the City's MS4 jurisdictional boundary.

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)):

   No TMDLs within the City's MS4 jurisdictional boundary.

Benchmark Parameter (Ex: Total Suspended Solids)	Benchmark Value	Description of additional sampling or other assessment activities	Year(s) conducted
N/A	N/A	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
N/A	N/A

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)):

MCM(s)	BMP	Stormwater Activity	Description/Comments
Public Education, Outreach, and Involvement	1.1 Community Education	Market full campaign using online web page, social media, billing inserts, and brochures	Using all developed methods, market campaign fully.
Public Education, Outreach, and Involvement	1.2 Garden and Lawn Care Education	Continue to offer education materials online and in hard copy at City offices.	Continue to make education and outreach materials available to residents via online and in – person.
Public Education, Outreach, and Involvement	1.3 Household Hazardous Waste Education	Implement means to reduce barriers to use of HHW and used oil collection	Will implement any necessary means to barriers to use HHW and used oil collection.
Public Education, Outreach, and Involvement	1.4 Volunteer Inlet Marking	List of marking locations and dates	Will provide a list of inlet marker locations and dates.
Public Education, Outreach, and Involvement	1.5 Stream Cleanup Projects	Continue list of cleanup locations and dates.	Will continue to collect locations and dates of potential events
Public Education, Outreach, and Involvement	1.6 Tree Planting Program	Report numbers of tree plantings and planting events/dates. Distribute education and outreach materials.	Continue to report the number of trees planted at events; distribute outreach and education materials to community at tree related events.
Public Education, Outreach, and Involvement	1.7 Attitude Survey	Conduct follow up survey and to evaluate success of outreach material revisions	City will conduct survey and evaluate the success of outreach material revisions.

MCM(s)	BMP	Stormwater Activity	Description/Comments
Public Education, Outreach, and Involvement	1.8 FOG Campaign	Continue updated campaign	City will continue to promote FOG campaign and keep education and outreach materials posted online.
Public Education, Outreach, and Involvement	1.9 Public access to SWMP	Continue to provide online access to SWMP; provide any additional public notices necessary to meet State and local requirements.	SWMP will continue to be on the City's website.
Illicit Discharge Detection and Elimination	2.1 Illicit Discharge Ordinance	Enforce ordinance	City staff will continue to enforce the illicit discharge ordinance.
Illicit Discharge Detection and Elimination	2.2 Citizen Complaint Hotline	Newsletter, webpage, or press release and list of complaints	City will continue to promote hotline and track complaints
Illicit Discharge Detection and Elimination	2.3 Storm drain and Outlet Mapping	Update system map; map the Berry Creek watershed	Staff will continue their mapping-efforts while updating system maps.
Illicit Discharge Detection and Elimination	2.4 The Collection Station	Continue program with quarterly reports; assess need for additional oil collection alternatives in Berry Creek watershed	City will continue to collect quarterly reports and assess needs in area watersheds
Illicit Discharge Detection and Elimination	2.5 Staff Training	1 training for new employees; list of attendees/dates	Continue training city staff on IDDE.
Illicit Discharge Detection and Elimination	2.6 Illicit Discharge Investigations	List of investigation types and locations	City will continue to provide list of locations and dates of investigations.

MCM(s)	BMP	Stormwater Activity	Description/Comments
Illicit Discharge Detection and Elimination	2.7 Sanitary Sewer	Clean 30,000 feet of sanitary sewer.	Continue to meet goal of 30,000 feet of sanitary sewer cleaned.
Construction Site Stormwater Runoff Control	3.1 Staff Training	Continue staff training at identified frequency.	City will hold at least one training for required staff.
Construction Site Stormwater Runoff Control	3.2 Construction Plan Review and Permitting	Continue implementing revised review procedures, implement tracking and inventory system.	City will continue implementation of review procedures and work on developing tracking system.
Construction Site Stormwater Runoff Control	3.3 Construction Site Inspection and Enforcement	Continue implementing revised inspection procedures.	Staff will continue implementing revised inspection procedures.
Post-Construction Stormwater Management	4.1 Review of Permanent BMPs	Continue implementing revised plan review procedures	Implementation of revised plan review procedures.
Post-Construction Stormwater Management	4.2 Detention and Pollution Attenuation	Continue implementing procedure regulation review and updating process	Staff will continue to implement procedure regulation review and updating process.
Post-Construction Stormwater Management	4.3 Long-term Maintenance of PC BMPs	Begin implementing maintenance plan tracking procedures.	City staff will begin implementing tracking system/ procedures for verification of maintenance plans.
Post-Construction Stormwater Management	4.4 Post – Construction Stormwater Management Ordinance	Continue implementing maintenance record review procedures	Staff will continue to implement maintenance record review procedures.

MCM(s)	BMP	Stormwater Activity	Description/Comments
Pollution Prevention/ Good Housekeeping	5.1 Permittee-Owned Facilities and Control Inventory	Maintain/Update database and maps	Continue to keep database and maps updated.
Pollution Prevention/ Good Housekeeping	5.2 Staff Training and Reporting	1 training for new employees, list of attendees/dates	Will continue to conduct trainings for staff on pollution prevention and good housekeeping, provide attendees/dates
Pollution Prevention/ Good Housekeeping	5.3 Contractor Oversight	Require use of revised standard contract	Require use of revised standard contract
Pollution Prevention/ Good Housekeeping	5.4 Street Sweeping	Sweep all City streets at least once annually.	Continue goal of sweeping all City streets at least once a year.
Pollution Prevention/ Good Housekeeping	5.5 Inlet Drain and Structure Cleaning	Annual reports on cleaning activities, meet inlet and culvert goals.	Staff will meet goal and report cleaning activities.
Pollution Prevention/ Good Housekeeping	5.6 Facility Assessments and SOPs	N/A	No facility assessments or SOP creation is required in Year 5
Pollution Prevention/ Good Housekeeping	5.7 Licensed Applicators	Copies of license renewals for annual report.	Maintain records/copies of license renewals for annual report.
Pollution Prevention/ Good Housekeeping	5.8 Municipal Complex Improvement	Provide cover over scrap metal storage	Staff will add scrap metal storage cover.
Pollution Prevention/ Good Housekeeping	5.9 Parks Facility Improvements	Evaluate adoption of Integrated Pest Control techniques.	Staff will evaluate the adoption of IPC techniques.
Pollution Prevention/ Good Housekeeping	5.10 Pool Facility Improvements	Install overhead equipment cover at Williams Pool.	Staff will purchase and install an overhead equipment cover for the Williams Pool.

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:

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 _X__ 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))   1604

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

____ Yes _X__ 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	N/A
The total number of acres disturbed for municipal construction projects	N/A

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

J. Certification

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): David Morgan   Title: City Manager

Signature: _____   Date:_____

Name of MS4: City of Georgetown, TX

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).

K. Exhibits

Exhibit 1.1 – Analytics Stormwater Website

Exhibit 1.2 – Camp Goodwater

Exhibit 1.3 – Additional Education and Outreach Events

Exhibit 2.1 – Brochures at City Offices

Exhibit 3.1 – HHW/CS Cooking Oil

Exhibit 3.2 – HHW/CS Thanksgiving

Exhibit 3.3 – HHW/CS Program Data

Exhibit 4.1 – Inlet Marking Information on Website

Exhibit 4.2 – Inlet Marking Volunteer Training

Exhibit 5.1 – Stream Clean- up Pictures

Exhibit 6.1 – Stormwater & Trees Flyer

Exhibit 6.2 – Arbor Day Tree Give – away

Exhibit 6.3 – Master Naturalists Tree Planting

Exhibit 7.1 – New Social Media Posts

Exhibit 8.1 – FOG Flyer

Exhibit 9.1 – Availability of SWMP on Website

Exhibit 10.1 – ID Investigations/ Enforcement

Exhibit 11.1 – Citizen Complaint Work Orders

Exhibit 12.1 – Stormwater Asset Collection

Exhibit 12.2 – Asset Map

Exhibit 13.1 – CGP and IDDE Training

Exhibit 14.1 – 17-18 SSO Annual Report Final

Exhibit 15.1 – Construction Site Inspection Checklist

Exhibit 16.1 – Field Meeting with Consultants, County, City

Exhibit 17.1 – UDC

Exhibit 17.2 – Stormwater Ponds

Exhibit 18.1 – City- Owned Facilities

Exhibit 19.1 – GH/ Pollution Prevention Training

Exhibit 20.1 – Stormwater Operations

Exhibit 21.1 – GMC SOP

Exhibit 22.1 – Applicator Licenses

Exhibit 23.1 – Installation of Speedbump

Exhibit 24.1 – Village Pool Equipment Cover

Exhibit 25.1 – Chemical Spill Response/ OSHA Level II Training

Exhibit 26.1 – Asset Management Training

Exhibit 27.1 – Urban BMPs for Watershed Planning Training

Exhibit 28.1 – Compost BMPS for Sediment Control Training

Exhibit 29.1 – Conference Attendance