

MS4 ANNUAL REPORT
Permit Year 1: 2019
FOR
CITY OF ROSENBERG & JOINT DISTRICTS

FORT BEND COUNTY, TEXAS



MARCH 2020



JONES | CARTER

Texas Board of Professional Engineers Registration No. F-439
2322 West Grand Parkway N., Suite 150 • Katy, TX 77449 • 832.913.4000

Phase II (Small) MS4 Annual Report Form
TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040272

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

Annual Reporting Year Option Selected by MS4:

Calendar Year: X

Permit Year: _____

Fiscal Year: _____ Last day of fiscal year: _____

Reporting period beginning date: (month/date/year): January 1, 2019

Reporting period end date: (month/date/year): December 31, 2019

MS4 Operator Level: Level 2

Name of MS4: City of Rosenberg & Joint Districts MS4

Contact Name: Liz Stone Telephone Number: (281) 363-4039

Mailing Address: 1575 Sawdust Road, Suite 400, The Woodlands, TX 78380

E-mail Address: mstone@jonescarter.com

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

Region the annual report was submitted to: TCEQ Region: 12 - Houston

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.	Yes		The MS4 submitted their SWMP to TCEQ by the requested deadline, and SWMP is currently in review by the TCEQ; Annual Report was completed based on the SWMP that was submitted at this time.
Permittee is currently in compliance with recordkeeping and reporting requirements.	Yes		The MS4 has submitted a concise annual report and retained applicable records as outlined in the TPDES General Permit No. TXR040000.
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	Yes		The MS4 meets all eligibility requirements outlined in the TPDES General Permit No. TXR040000.
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report.	Yes		The MS4 has conducted an annual review of the SWMP as outlined in the TPDES General Permit No. TXR040000.

2. Provide a general assessment of the appropriateness of the selected BMPs. You may use the table below to meet this requirement:

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1. Public Education, Outreach, and Involvement	3.1 Utility Bill Inserts	YES. The MS4 distributed 10,200 storm water quality inserts to the public regarding storm sewer discharges and storm water quality issues. The inserts provided information on how to reduce pollutants in storm water.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1. Public Education, Outreach, and Involvement	3.2 Utilize MS4 Website	YES. This City has a dedicated storm water quality website https://rosenbergtx.gov/stormwater/ which has various public education information that pertains to Household Hazardous Waste (HHW), proper pool maintenance/discharge, septic system inspection, and general housekeeping practices. Additionally, the City has a storm water quality video developed by the City of Garland, Texas posted on their website.
1. Public Education, Outreach, and Involvement	4.1 Storm Drain Marking	YES. To date, all existing inlets (approximately 2,991) have been marked by volunteers during previous permit years. The MS4 will continue to offer volunteers the opportunity to mark new inlets or replace missing/illegible markers, as needed, in the upcoming permit year.
1. Public Education, Outreach, and Involvement	4.2 Volunteer Recycling Program	YES. The MS4 continued the weekly, volunteer recycling program for residents within the City's service area. Additionally, the City provides recycling guidelines on their website of what is allowed and not allowed.
2. Illicit Discharge Detection and Elimination	3.1 Maps of Inlets, Storm Sewer Lines, Outfalls, Surface Waters & Structural Controls	YES. The City's map was evaluated and no updates were needed during Permit Year 1. The joint Districts own storm water detention facilities and do not utilize storm sewer maps. The map assists the City to track and document illicit discharges by identifying the approximate location of all inlets, outfalls, surface waters, and structural controls.
2. Illicit Discharge Detection and Elimination	4.1 Training for Illicit Discharge Detection & Elimination	YES. The MS4 Training Session was conducted on June 19, 2019 through a webinar hosted by the MS4 Administrator. The training session described the impacts storm water discharges have on local water ways and how to identify illicit discharges or illegal connections.
2. Illicit Discharge Detection and Elimination	5.1 Public Reporting Using Utility Bill Inserts	YES. The MS4 distributed 10,200 educational inserts with utility bills to residents which included a telephone number to report illicit discharges and other pollution violations.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
2. Illicit Discharge Detection and Elimination	5.2 Public Reporting Using Electronic Education	YES. The MS4 provides electronic copies of educational materials on their dedicated storm water quality website https://rosenbergtx.gov/stormwater/ . The electronic educational material includes a phone number to report alleged violations and any other pollution concerns/violations.
3. Construction Site Storm Water Runoff Control	6.1 Training for Construction Site Stormwater Runoff Control	YES. The MS4 Training Session was conducted on June 19, 2019 through a webinar that provided educational training on the MS4's construction site storm water runoff control program. An electronic sign-in sheet was retained and all invitees were provided a copy of the presentation.
4. Post-Construction Storm Water Management in New Development and Redevelopment	6.1 Training for Post-Construction Stormwater Controls	YES. The MS4 Training Session was conducted on June 19, 2019 through a webinar that provided educational training on the post-construction site storm water runoff control program. An electronic sign-in sheet was retained and all invitees were provided a copy of the presentation.
5. Pollution Prevention/Good Housekeeping for Municipal Operations	4.1 Training for Pollution Prevention & Good Housekeeping	YES. The MS4 Training Session was conducted on June 19, 2019 through a webinar on how to effectively implement pollution prevention measures and good housekeeping practices in municipal activities and municipally owned facilities. An electronic sign-in sheet was retained and all invitees were provided a copy of the presentation.
5. Pollution Prevention/Good Housekeeping for Municipal Operations	5.1 Disposal of Waste	YES. Spill response kits are readily available at the City's Water Treatment Plants and other MS4 facilities that store larger amounts of chemicals. These kit(s) have been inspected to be in good-working order during Permit Year 1. The kits will be utilized when minor spills occur to lessen the chance of unauthorized discharges in the MS4.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
5. Pollution Prevention/Good Housekeeping for Municipal Operations	7.1 Municipal Operation & Maintenance Activities	YES. The City performed various operation and maintenance activities on their facilities to ensure that runoff could not be categorized as an illicit discharge.

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:

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1.Public Education, Outreach, and Involvement	3.1	Utility Bill Inserts	10,200	Educational Inserts	NO. Though this BMP does not result in a direct reduction of pollutants, storm water educational inserts provide public education to residents on good housekeeping principles and pollution prevention measures.
1.Public Education, Outreach, and Involvement	3.2	Utilize MS4 Website	1	MS4 Website	NO. The City has a dedicated storm water quality website https://rosenbergtx.gov/stormwater/ that has various educational resources available for the general public. The MS4 will post the approved SWMP and submitted Annual Reports to the website, when available. While this BMP does not directly reduce pollutants into the receiving stream it helps to educate the public.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1.Public Education, Outreach, and Involvement	4.1	Storm Drain Marking	2,991	Inlet Markers	YES. During previous permit years, approximately 2,991 inlet markers were placed by volunteers. When needed, missing inlet markers were replaced in Permit Year 1. Since these are placed on inlets which are directly connected to the MS4, this BMP can have a direct impact in the reduction of pollutants.
1.Public Education, Outreach, and Involvement	4.2	Recycling Program	52	Weekly	YES. A weekly volunteer recycling program continued to be conducted and provided for all residents within the MS4 service area. The recycling program allows direct public involvement to reduce pollutants in the storm sewer system and promotes good housekeeping principals.
1.Public Education, Outreach, and Involvement	5.1	Opportunity for Public Comment	12	Public Opportunity	YES. Permit Year 1 BMPs were discussed at least monthly at the MS4's City Council Meetings that are open to the public. This allows the public to provide comments/questions about the program. This BMP can have a direct reduction in pollutants, but it depends on the manner of the comment. No comments were received in Permit Year 1.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
2. Illicit Discharge Detection and Elimination	3.1	Maps of Inlets, Storm Sewer Lines, Outfalls, Surface Waters, & Structural Controls	1	MS4 Map	NO. The MS4 map was evaluated and no updates were needed in Permit Year 1. This BMP is helpful when tracking illicit discharges but does not directly reduce pollutants.
2. Illicit Discharge Detection and Elimination	4.1	Training for Illicit Discharge Detection and Elimination	1	Training Program	YES. The MS4 Training Session was conducted on June 19, 2019 through a webinar. The training presentation can have a direct reduction in pollutants by helping field personnel identify any illicit discharge.
2. Illicit Discharge Detection and Elimination	5.1	Public Reporting Using Utility Bill Insert	10,200	Education Inserts	YES. The MS4 distributed educational inserts to residents which included a telephone number to report illicit discharges and other pollution violations. This BMP can directly impact the reduction of pollutants in stormwater.
2. Illicit Discharge Detection and Elimination	7.1	Evaluate the Ordinance for Illicit Discharge	1	Ordinance	YES. No changes were recommended to the City's Ordinance in Permit Year 1. It can have a direct reduction in pollutants by stating what is legally allowed/required and the consequences if conditions are not meet.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
3. Construction Site Storm Water Runoff Control	3.1	Evaluate the Ordinance for Construction Site Storm Water Runoff Control	1	Ordinance	YES. No changes were recommended to the City's Ordinance in Permit Year 1. It can have a direct reduction in pollutants by stating what is legally allowed/required and the consequences if conditions are not meet.
3. Construction Site Storm Water Runoff Control	4.1	Construction Site Plan Review	94	Review Construction Drawings	NO. A total of 94 construction drawings were reviewed in Permit Year 1. The reviewer confirmed that appropriate BMPs are scheduled to be placed at the construction site so runoff will not harm the receiving waters. While these reviews are helpful in reducing pollutants into the receiving waters, it does not directly impact the MS4.
3. Construction Site Storm Water Runoff Control	5.1	Construction Site Inspection & Enforcement	87	Construction Site Inspections	YES. The City inspected 87 construction sites to verify BMPs were placed as stated in their SWP3s that were reviewed in the current or previous permitting years. The inspections have a direct reduction in pollutants.
3. Construction Site Storm Water Runoff Control	6.1	Training for Construction Site Storm Water Runoff Control	1	Training Program	YES. The MS4 Training Session was conducted on June 19, 2019 through a webinar. The training presentation can have a direct reduction in pollutants by helping field personnel identify any illicit discharge and other construction site concerns.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
3. Construction Site Storm Water Runoff Control	7.1	Guidance Manual for Construction Site Storm Water Runoff Control	1	Guidance Manual	NO. The "Storm Water Management Handbook for Construction Activities" by Harris County, was utilized to aid in implementing construction site BMPs. While the guidance manual provides information on how to provide long-term maintenance of post-construction storm water control measures it does not have a direct reduction in pollutants.
3. Construction Site Storm Water Runoff Control	8.1	Inventory of Construction Site	1	Inventory Document	YES. The City has maintained an inventory of all active, permitted construction sites that occurred in Permit Year 1.
4. Post-Construction Storm Water Management in New Development and Redevelopment	3.1	Evaluation of Ordinance to Address Post-Construction Stormwater Management in New Development and Redevelopment	1	Ordinance	YES. No changes were recommended to the City's Ordinance in Permit Year 1. It can have a direct reduction in pollutants by stating what is legally allowed/required and the consequences if conditions are not meet.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
4. Post-Construction Storm Water Management in New Development and Redevelopment	4.1	Guidance Manual for Post-Construction Storm Water Controls	1	Guidance Manual	NO. The "Storm Water Management Handbook for Construction Activities" by Harris County was utilized to aid in implementing post-construction BMPs. While the guidance manual provides information on how to provide long-term maintenance of post-construction storm water control measures it does not have a direct reduction in pollutants.
4. Post-Construction Storm Water Management in New Development and Redevelopment	5.1	Inspection Program for Post-Construction Storm Water Controls	61	Post-Construction Inspections	YES. A total of sixty-one (61) post-construction inspections occurred in Permit Year 1. The Construction Inspector inspected all applicable construction sites during the final stages to ensure permanent structural controls were properly constructed and no potential impacts of illicit discharge existed. These inspections have a direct reduction in pollutants.
4. Post-Construction Storm Water Management in New Development and Redevelopment	6.1	Training for Post-Construction Storm Water Controls	1	Training Program	YES. The MS4 Training Session was conducted on June 19, 2019 through a webinar. The training presentation can have a direct reduction in pollutants by helping field personnel identify any illicit discharge from permanent storm water control devices.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
5. Pollution Prevention and Good Housekeeping for Municipal Operations	3.1	Inventory of Facilities & Storm Water Structural Controls	1	List of Municipal Facilities	NO. The City's list of facilities was evaluated and no updates were needed in Permit Year 1. This list does not have a direct reduction in pollutants in the MS4.
5. Pollution Prevention and Good Housekeeping for Municipal Operations	4.1	Training for Pollution Prevention & Good Housekeeping	1	Training Program	YES. The MS4 Training Program was conducted on June 19, 2019 through a webinar. The training presentation can have a direct reduction in pollutants by helping field personnel conduct municipal activities that do not negatively impact the MS4.
5. Pollution Prevention and Good Housekeeping for Municipal Operations	5.1	Disposal of Waste	8	Spill Response Kits	YES. The MS4 provided 8 spill response kits at City facilities to prevent illicit discharges from entering the storm sewer system. The MS4 ensured all waste materials removed are properly disposed of and do not contribute as pollutants within the MS4. The kit will have a direct reduction of pollutants into the MS4 if used.
5. Pollution Prevention and Good Housekeeping for Municipal Operations	7.1	Municipal Operation & Maintenance Activities	20	Facility Checklists	YES. The City has routinely maintained and verified a list of pollution prevention measures at the City's controlled facilities and buildings. This list does not directly reduce pollutants in the receiving water bodies.

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

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
1.Public Education, Outreach, and Involvement	3.1 Utility Bill Inserts – distribute to the community biannually	MET GOAL. A total of 10,200 storm water educational inserts were distributed to the community with the residents’ utility bills twice in Permit Year 1.
1.Public Education, Outreach, and Involvement	3.2 Utilize MS4 Website – promote educational material	MET GOAL. The MS4 provided readily viewable storm water quality educational material on the City’s dedicated storm water program website https://rosenbergtx.gov/stormwater/ .
1.Public Education, Outreach, and Involvement	4.1 Storm Drain Marking – promote the program annually	MET GOAL. The MS4’s storm drain marking program was promoted in the annual utility bill inserts. To date, approximately 2,991 inlet markers have been placed by volunteers.
1.Public Education, Outreach, and Involvement	4.2 Volunteer Recycling Program – continue the program	MET GOAL. The weekly volunteer recycling program allows public involvement, reduction in pollutants in the storm sewer system and promotes good housekeeping. The City and Joint Districts will continue to conduct the volunteer recycling program and provide instructions on the recycling process.
1.Public Education, Outreach, and Involvement	5.1 Opportunity for Public Comment – hold at least monthly City Council Meetings	MET GOAL. The MS4 holds regular City Council Meetings that are open to the general public. All residents, businesses and other interested parties within the MS4 area can comment on the SWMP at this time. In addition, the SWMP, Notice of Intent, General Permit and Fact Sheet are electronically available upon request. No comments were received in Permit Year 1.
2. Illicit Discharge Detection and Elimination	3.1 Maps of Inlets, Storm Sewer Lines, Outfalls, Surface Waters, & Structural Controls – evaluate and update	MET GOAL. The MS4 map with identifies the approximate location of inlets, outfalls, surface waters, and structural controls was evaluated and no updates were needed in Permit Year 1.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
2. Illicit Discharge Detection and Elimination	4.1 Training for Illicit Discharge Detection & Elimination – hold one training session annually	MET GOAL. The MS4 held one training session on June 19, 2019 through a webinar. An electronic sign-in sheet was retained and all invitees were provided a copy of the presentation.
2. Illicit Discharge Detection and Elimination	5.1 Public Reporting Using Utility Bill Inserts – distribute to the community biannually	MET GOAL. Educational inserts were distributed to the community which included City contact information to report illicit discharges, construction runoff issues and other environmental concerns. These inserts were distributed twice in Permit Year 1.
2. Illicit Discharge Detection and Elimination	5.2 Public Reporting using Electronic Education – include contact information	MET GOAL. Electronic educational material posted on the City’s website includes City contact information to report illicit discharges, construction runoff issues and other environmental concerns.
2. Illicit Discharge Detection and Elimination	6.1 Responding to Illicit Discharges & Spills – respond to 100% of reported potential illicit discharges	MET GOAL. Even though zero (0) illicit discharges were reported in Permit Year 1, the MS4 has a program in place to respond, detect, and address illicit discharges and spills.
2. Illicit Discharge Detection and Elimination	6.2 Source Investigation of Illicit Discharges - respond to 100% of reported potential illicit discharges	MET GOAL. Even though zero (0) illicit discharges were reported in Permit Year 1, the MS4 has a program in place to gather the appropriate information, prioritize the risk, and assess the situation.
2. Illicit Discharge Detection and Elimination	6.3 Source Elimination of Illicit Discharges - respond to 100% of reported potential illicit discharges	MET GOAL. Even though zero (0) illicit discharges were reported in Permit Year 1, the MS4 has a program in place to safely remove illicit discharges and prevent the unauthorized discharge from affecting the MS4.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
2. Illicit Discharge Detection and Elimination	7.1 Evaluation of Ordinance for Illicit Discharge Detection & Elimination – review and continue implementing	MET GOAL. No changes to the City’s Ordinance were recommended in Permit Year 1. The Ordinance will be reviewed after the SWMP has been approved by the TCEQ.
2. Illicit Discharge Detection and Elimination	8.1 Septic System Identification & Inspection – inspect 100% of applicable systems	MET GOAL. The City has a program in place to inspect new or problematic septic systems that are located within the city limits. In Permit Year 1, zero (0) new septic systems were identified and inspected.
3. Construction Site Storm Water Runoff Control	3.1 Evaluation of Ordinance for Construction Site Storm Water Runoff Control – review and continue implementing	MET GOAL. No changes to the Ordinance were recommended in Permit Year 1. The Ordinance will be reviewed after the SWMP has been approved by the TCEQ.
3. Construction Site Storm Water Runoff Control	4.1 Construction Site Plan Review – review 100% of applicable site plan reviews	MET GOAL. The MS4 reviewed 100% of application construction site plans, or approximately ninety-four (94) construction drawings, to prevent water quality impacts within the MS4. The construction site plans were reviewed in accordance with the Construction General Permit TPDES TXR150000.
3. Construction Site Storm Water Runoff Control	5.1 Construction Site Inspection & Enforcement – inspect 100% of applicable construction sites	MET GOAL. The MS4 inspected 100% of applicable construction sites, or approximately 87 construction inspections, in Permit Year 1. The Construction Inspector inspected the construction sites during the preliminary stages to ensure all BMPs are properly installed.
3. Construction Site Storm Water Runoff Control	6.1 Training for Construction Site Storm Water Runoff Control – hold one training session	MET GOAL. The MS4 Training Session was conducted on June 19, 2019 through a webinar. An electronic sign-in sheet was retained and all invitees were provided a copy of the presentation.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
3. Construction Site Storm Water Runoff Control	7.1 Guidance Manual for Construction Site Storm Water Runoff Control – continue utilizing	MET GOAL. The “Storm Water Management Handbook for Construction Activities” by Harris County was utilized to aid in implementing construction site BMPs.
3. Construction Site Storm Water Runoff Control	8.1 Inventory of Construction Sites – review and update, as needed	MET GOAL. A site inventory list for all permitted public and private construction projects resulting in a land disturbance greater than or equal to one acre was updated until the end of construction activities, as needed.
4. Post Construction Storm Water Management in New Development and Redevelopment	3.1 Evaluation of Ordinance to Address Post-Construction Storm Water Management in New Development and Redevelopment – review and continue implementing	MET GOAL. No changes to the Ordinance were recommended in Permit Year 1. The Ordinance will be reviewed after the SWMP has been approved by the TCEQ.
4. Post Construction Storm Water Management in New Development and Redevelopment	4.1 Guidance Manual for Post-Construction Storm Water Controls – continue implementing	MET GOAL. The “Storm Water Management Handbook for Construction Activities” by Harris County was utilized to aid in implementing post-construction BMPs.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
4. Post Construction Storm Water Management in New Development and Redevelopment	5.1 Inspection Program for Post-Construction Storm Water Controls – inspect 100% of applicable completed construction sites	MET GOAL. The MS4 inspected 100% of applicable completed construction sites, or approximately 61 post-construction inspections occurred in Permit Year 1. The inspections were performed on applicable project to ensure permanent structural controls were properly constructed reducing the potential impact of illicit discharges.
4. Post Construction Storm Water Management in New Development and Redevelopment	6.1 Training for Post-Construction Storm Water Controls – hold one training session annually	MET GOAL. The MS4 Training Session was conducted on June 19, 2019 through a webinar. An electronic sign-in sheet was retained and all invitees were provided a copy of the presentation.
5. Pollution Prevention and Good Housekeeping for Municipal Operations	3.1 Inventory of Facilities & Storm Water Structural Controls – maintain and update, as needed	MET GOAL. The City’s list of facilities and storm water structural controls was evaluated and no updates were needed in Permit Year 1.
5. Pollution Prevention and Good Housekeeping for Municipal Operations	4.1 Training for Pollution Prevention & Good Housekeeping – hold one training session	MET GOAL. The MS4 Training Program was conducted on June 19, 2019 through a webinar. An electronic sign-in sheet was retained and all invitees were provided a copy of the presentation.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
5. Pollution Prevention and Good Housekeeping for Municipal Operations	5.1 Disposal of Waste – document number of spill response kits	MET GOAL. The City provided approximately eight (8) spill response kits at City facilities to prevent illicit discharges from entering the storm sewer system. The City ensures all waste materials removed from the City limits are properly disposed and do not contribute as illicit discharges within the City.
5. Pollution Prevention and Good Housekeeping for Municipal Operations	6.1 Contractor Oversight – provide number of contractor oversights	MET GOAL. The MS4 began to research text to use in new contractors’ legal documents so work performed for the MS4 will not have a negative effect on the storm sewer system nor their storm water runoff will be considered an illicit discharge.
5. Pollution Prevention and Good Housekeeping for Municipal Operations	7.1 Municipal Operation & Maintenance Activities – summarize O&M activities	MET GOAL. The City continued to implement quarterly inspections to verify that activities and procedures performed at the City’s facilities do not negatively impact the receiving water bodies. No deficiencies were noted during these inspections.

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.?

Due to allocated resources the MS4 did not conduct sampling nor analytical monitoring in Permit Year 1. The MS4 has provided qualitative information as proof of successfully achieving the measurable goals and benchmarks.

The City distributed 10,200 stormwater educational inserts to their residents in Permit Year 1. The inserts provided general information regarding storm water quality issues and promoted good housekeeping practices. The educational inserts also gave a phone number for residents to report illicit discharges and other environmental quality concerns.

The City of Rosenberg has a dedicated storm water quality website, <https://rosenbergtx.gov/stormwater/>, that has various educational resources available for the general

public such as proper swimming pool draining, alternatives for eco-friendly general housekeeping practices, previous copies of the past Annual Reports, and a “Only Rain in the Storm Drain” video sponsored by the City of Garland. The City will continue utilizing this website and edit content as needed.

Ninety-four (94) construction drawings were reviewed by the City in Permit Year 1. The reviewed confirmed that the appropriate BMPs are shown on the drawings for the construction activity and that the runoff will not harm the receiving water body. A review form was documented and used as a reference for the construction inspections, if warranted. Additionally, eighty-seven (87) construction inspections were performed in Permit Year 1. These inspections verified that the sites had BMPs in place as stated on the MS4-approved construction drawings. Construction inspection forms were completed, photographs were taken, if needed, and deficiencies were documented for these inspections.

The City quarterly inspects their facilities for storm water quality issues. No deficiencies were observed in Permit Year 1. The City confirmed that many municipal practices and procedures such as materials handling and storage, equipment maintenance, waste storage, and other municipal activities are being properly conducted so storm water runoff will not be impaired.

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.

The City of Rosenberg and joint MS4 Districts discharge storm water into classified segment 1202_02 – Brazos River Below Navasota River. This particular classified segment is not listed in the latest EPA-approved 303(d) list nor the 2018 Texas Integrated Report for Surface Water Quality for CWA Sections 305(b) and 303(d) developed by TCEQ and approved by the EPA on December 23, 2019. The MS4s do not discharge into any other water body.

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.

N/A – The MS4s do not discharge to an impaired water body as referenced in the latest EPA-approved 303(d) list and in the 2018 Texas Integrated Report for Surface Water Quality for CWA Sections 305(b) and 303(d).

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

N/A – The MS4s do not discharge to an impaired water body as referenced in the latest EPA-approved 303(d) list and in the 2018 Texas Integrated Report for Surface Water Quality for CWA Sections 305(b) and 303(d).

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

Benchmark Parameter	Benchmark Value	Description of additional sampling or other assessment activities	Year(s) conducted
N/A	N/A	N/A	N/A

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
N/A	N/A	N/A

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

Description of bacteria-focused BMP	Comments/Discussion
N/A	N/A

7. Assess the progress to determine BMP's effectiveness in achieving the benchmark.

Benchmark Indicator	Description/Comments
N/A	N/A

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	Stormwater Activity	Description/Comments
1	1.3.1	Utility Bill Inserts	Update/revise the education material, as needed, and distributed education material at least biannually to the community.
1	1.3.2	Utilize MS4 Website	Post the approved SWMP (when available) and submitted Annual Report. Continue to provide electronic educational material and update/revise, as needed.
1	1.4.1	Strom Drain Marking	Continue to offer volunteers the opportunity to place inlet markers. Report 100% of installed markers.
1	1.4.2	Volunteer Recycling Program	Continue the volunteer recycling program throughout the year.
1	1.5.1	Opportunity for Public Comment	If available, the public notice will be published in accordance with the General Permit. Continue to hold monthly public meetings where the general public can address questions/comments about the SWMP. Consider any received public comments regarding implementation of the SWMP.
2	2.3.1	Maps of Inlets, Storm Sewer Lines, Outfalls, Surface Waters & Structural Control	Update/revise the map if new data related to the storm sewer system is identified.
2	2.4.1	Training for Illicit Discharge Detection & Elimination	Update/revise the training program, as needed, for illicit discharges. Offer the training program to all appropriate field staff.
2	2.5.1	Public Reporting Using Utility Bill Inserts	Update/revise the educational material to ensure contact information is current and distribute at least biannually to the MS4 community.

MCM(s)	BMP	Stormwater Activity	Description/Comments
2	2.5.2	Public Reporting Using Electronic Education	Update/revise the educational material to ensure contact information is current. Continue to provide to the information on the website.
2	2.6.1	Responding to Illicit Discharges & Spills	Evaluate procedures for responding to reports and conducting appropriate actions that concern illicit discharges. Update/revise procedures, as needed.
2	2.6.2	Source Investigation of Illicit Discharge	Develop written inspection and follow-up procedures. Train personnel on procedures to investigate and document illicit discharges.
2	2.6.3	Source Elimination of Illicit Discharges	Continue to implement procedures for removing illicit discharges and make changes, if warranted. Continue to document corrective actions performed.
2	2.7.1	Evaluation of Ordinance for Illicit Discharge Detection Detection & Elimination	Review the Ordinance for any necessary changes to ensure compliance with the General Permit. Update and develop a draft Ordinance, if needed.
2	2.8.1	Septic System Identification & Inspection	Evaluate program and determine if changes need to be implemented. Inspect all new and non-functioning septic systems, as necessary.
3	3.3.3	Evaluation of Ordinance for Construction Site Storm Water Runoff Control	Review the Ordinance for any necessary changes to ensure compliance with the General Permit. Update and develop a draft Ordinance, if needed.
3	3.4.1	Construction Site Plan Review	Continue to conduct plan reviews to ensure no discharges occur as a result of pollutants from applicable construction sites per the TPDES Construction General Permit TXR150000.
3	3.5.1	Construction Site Inspection & Enforcement	Continue to conduct construction site inspections on all applicable construction projects in accordance with TPDES Construction General Permit TXR150000.

MCM(s)	BMP	Stormwater Activity	Description/Comments
3	3.6.1	Training for Construction Site Storm Water Runoff Control	Update/revise the training program, as needed. Offer the training program to all appropriate field staff.
3	3.7.1	Guidance Manual for Construction Site Storm Water Runoff Control	Continue utilizing the guidance manual to aid in implementing construction site BMPs, as necessary.
3	3.8.1	Inventory of Construction Sites	Continue to document all permitted public and private construction sites on an inventory list.
4	4.3.1	Evaluation of Ordinance to Address Post-Construction Storm Water Management in New Development and Redevelopment	Review the Ordinance for any necessary changes to ensure compliance with the General Permit. Update and develop a draft Ordinance, if needed.
4	4.4.1	Guidance Manual for Post-Construction Storm Water Controls	Continue utilizing the guidance manual to aid in implementing post-construction site BMPs, as necessary.
4	4.5.1	Inspection Program for Post-Construction Storm Water Controls	Continue to conduct inspections on all applicable, complete construction projects.
4	4.6.1	Training for Post-Construction Storm Water Controls	Update/revise the training program, as needed. Offer the training program to appropriate field staff.
5	5.3.1	Inventory of Facilities & Storm Water Structural Controls	Continue to maintain an MS4 inventory list and update, as needed.
5	5.4.1	Training for Pollution Prevention & Good Housekeeping	Update/revise the training program, as needed. Offer the training program to appropriate field staff.

MCM(s)	BMP	Stormwater Activity	Description/Comments
5	5.5.1	Disposal of Waste	Review 30 TAC Chapters 330 and 350 and evaluate methods for waste disposal. Ensure all waste is properly disposed of and does not contribute as illicit material; confirm spill response kit(s) is readily available for the MS4.
5	5.6.1	Contractor Oversight	Finalize language to insert in new legal documents for MS4 contractors to use the appropriate BMPs, control measures, and possible standard operating procedures to minimize potential runoff pollution.
5	5.7.1	Municipal Operation & Maintenance Activities	Identify and evaluate all operation and maintenance activities for their potential to discharge pollutants in stormwater.

F. SWMP Modifications

1. The SWMP and MCM implementation procedures are reviewed each year.

Yes No

2. Changes have been made or are proposed to the SWMP since the NOI or the last annual report, including changes in response to TCEQ's review.

Yes No

If "Yes," report on changes made to measurable goals and BMPs:

MCM(s)	Measurable Goal(s) or BMP(s)	Implemented or Proposed Changes (Submit NOC as needed)
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.

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

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)
N/A	N/A	N/A	N/A

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 of Entity	Explanation of Responsibilities
Fort Bend County MUD No. 144	Coordinate with the City of Rosenberg to develop and implement BMPs identified in the SWMP.
Fort Bend County MUD No. 147	Coordinate with the City of Rosenberg to develop and implement BMPs identified in the SWMP.
Fort Bend County MUD No. 159	Coordinate with the City of Rosenberg to develop and implement BMPs identified in the SWMP.
Fort Bend County MUD No. 167	Coordinate with the City of Rosenberg to develop and implement BMPs identified in the SWMP.

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 Name	SWMP Responsibilities
TXR040588	Fort Bend County MUD No. 144	Coordinate with the City of Rosenberg to develop and implement BMPs identified in the SWMP.
TXR040582	Fort Bend County MUD No. 147	Coordinate with the City of Rosenberg to develop and implement BMPs identified in the SWMP.
TXR040481	Fort Bend County MUD No. 159	Coordinate with the City of Rosenberg to develop and implement BMPs identified in the SWMP.
TXR040551	Fort Bend County MUD No. 167	Coordinate with the City of Rosenberg to develop and implement BMPs identified in the SWMP.

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):

87 construction inspections occurred in the jurisdictional area of the MS4, but the City was unable to quantify the number of large nor small site notices submitted by construction site operators.

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	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.*

Rigoberto Calzoncin

Rigoberto Calzoncin

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): Ted Teiner Title: President

Signature: [Handwritten Signature] Date: March 17, 2020

Name of MS4: Fort Bend County MUD 144 MS4

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): Julie Cuenod Title: President

Signature: Julie Cuenod Date: 4/21/2020

Name of MS4: Fort Bend County MUD 147 MS4

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): ROBERT M. PREISS Title: BOARD PRESIDENT

Signature:  Date: 3/5/2020


Name of MS4: Fort Bend County MUD 159 MS4

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): Leanne Pfister Title: President

Signature:  Date: 3-17-2020

Name of MS4: Fort Bend County MUD 167 MS4