



JONES | CARTER

1575 Sawdust Road, Suite 400
The Woodlands, Texas 77380-3795
Tel: 281.363.4039
Fax: 281.363.3459
www.jonescarter.com

March 18, 2020

Texas Commission on Environmental Quality
Stormwater & Pretreatment Team Leader (MC-148)
12100 Park 35 Circle
Austin, Texas 78753

Re: Phase II MS4 Annual Report Transmittal for Fort Bend County MUD No. 142
TPDES Permit Authorization: TXR040434
Certified Mail No.: 7017 2680 0000 3446 0309

Dear Team Leader:

This letter serves to transmit the Year 1 Annual Report for the Texas Pollutant Discharge Elimination System Small Municipal Separate Storm Sewer System General Permit, Authorization Number TXR040434 for the Fort Bend County MUD No. 142 MS4.

The annual report is for Year 1. The reporting period's beginning January 1, 2019 and ending December 31, 2019.

A separate Notice of Change has not been submitted based on the fact that changes have not been proposed for the next permit year.

As required by the general permit, a copy of this submittal has also been mailed to the TCEQ's regional office 12 in Houston, Texas.

Sincerely,

Maria E (Liz) Stone, CPESC
MS4 Engineer/Project Manager

MES/bmm
Enclosures



JONES | CARTER

1575 Sawdust Road, Suite 400
The Woodlands, Texas 77380

TEL 281.363.4039
FAX 281.363.3459

Date	3/18/2020	Job No.	05277-0135-00
Transmittal No.			
Re:	Fort Bend County MUD No. 142 MS4		
	Permit Year 1 Annual Report		
	TPDES Permit Number TXR040434		

To TCEQ - Houston Region 12 Office
Team Leader, Water Quality
5425 Polk Street, Suite H
Houston, TX 77023-1452

We are sending you:

- Attached Under separate cover via _____

The following items:

- Shop drawings Prints Plans Samples
 Copy of letter Change Order Specifications

Year 1 MS4 Annual Report

Copies	Date	No.	Description
1	3/18/2020		Fort Bend County MUD No. 142 MS4 - Permit Year 1 Annual Report

These are transmitted as checked below:

- For approval No objections Resubmit _____ copies for approval
 For your use Objections noted Submit _____ copies for distribution
 For review and comment Returned for corrections Return _____ corrected prints
 As requested _____
 FOR BIDS DUE PRINTS RETURNED AFTER LOAN TO US

Remarks As required by the TPDES General Permit TXR040000, a copy of the Annual Report is submitted to
the TCEQ's Region 12 office (original was delivered to TCEQ Austin). Please contact Liz Stone at 281-363-4039 or
email at mstone@jonescarter.com for inquiries.

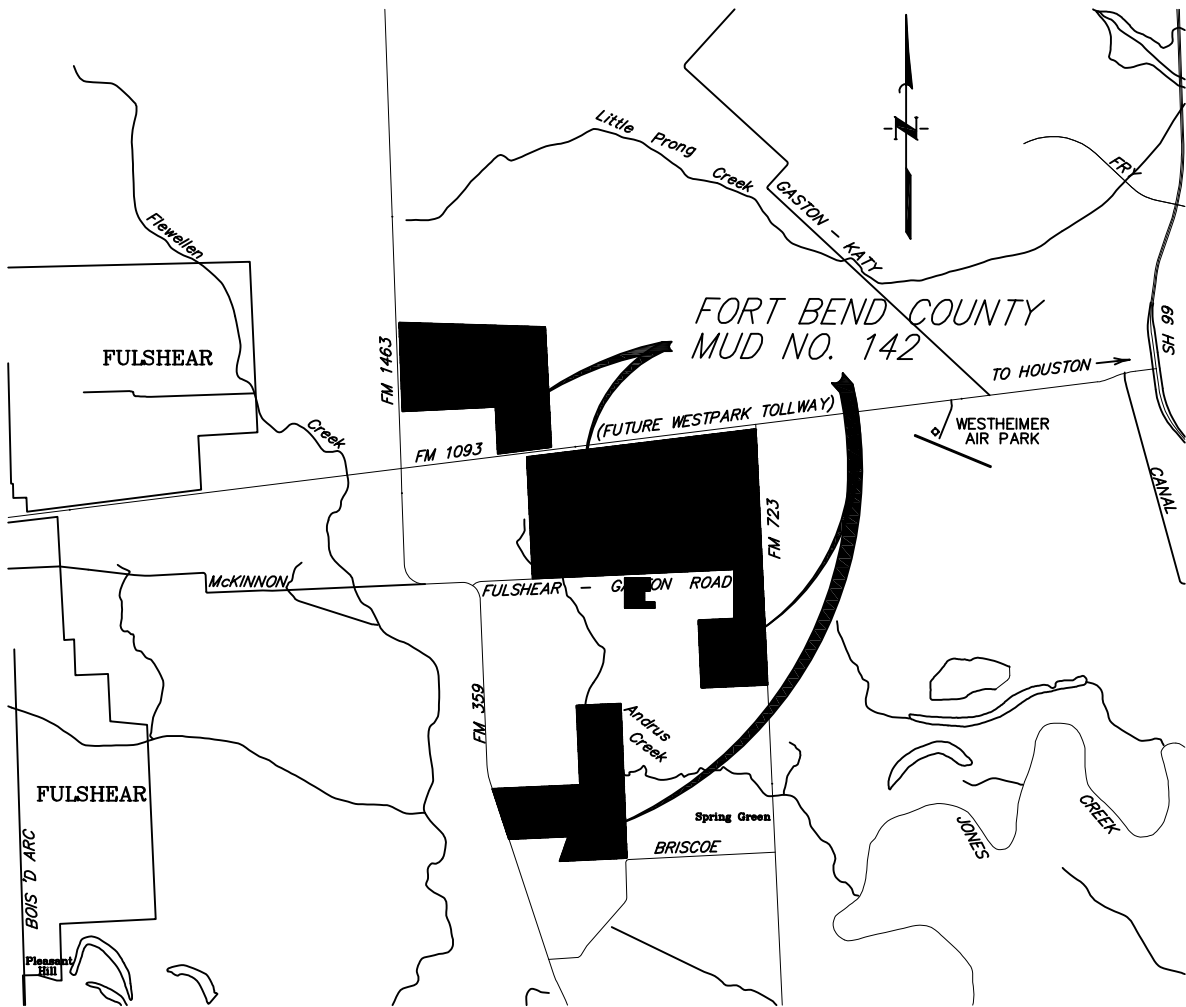
Copy to Project File

Signed 
 Maria E. (Liz) Stone, CPESC

MS4 ANNUAL REPORT PERMIT YEAR 1: 2019

FOR FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 142

FORT BEND COUNTY, TEXAS
Permit No. TXR040434



MARCH 2020

JC Job No. 05277-0135-00



JONES | CARTER

Texas Board of Professional Engineers Registration No. F-439
6330 West Loop South, Suite 150 • Bellaire, TX 77401 • 713.777.5337

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

A. General Information

Authorization Number: TXR040434

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: Fort Bend County MUD 142 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

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 3,299 storm water educational inserts to the public regarding municipal storm sewer discharge and storm water quality issues. The insert provided information on how to reduce pollutants.
1. Public Education, Outreach, and Involvement	3.2 Utilize MS4 Website	YES. The MS4 posted on their website www.fbmud142.com guidelines for recycling and trash pick-up. The SWMP and Annual Report will be posted on the website once they have been approved and submitted.

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	4.1 Storm Drain Marking	YES. To date, approximately 746 inlet markers were installed by volunteers in previous permit years. The MS4 will continue promoting the inlet marking program to install new inlet markers in the upcoming permit year.
2. Illicit Discharge Detection and Elimination	3.1 Maps of Storm Sewer Lines, Outfalls, Surface Water & Structural Controls	YES. The map was evaluated and no updates were needed in Permit Year 1. The map assists the MS4 Operator 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. The training session described the impacts storm water discharges have on local water ways and how to identify illicit discharges or illegal connections. 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	YES. The MS4 distributed 3,299 educational utility bill inserts in February 2019 to residents which included a telephone number to report illicit discharges and other pollution concerns/violations.
3. Construction Site Storm Water Runoff Control	6.1 Training for Construction Site Storm Water 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.

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	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. The MS4 provided one (1) spill response kit at an MS4 facility to prevent illicit discharges from entering the storm sewer system. The MS4 Operator ensured that all waste collected at the MS4 facilities were properly disposed.
5. Pollution Prevention/Good Housekeeping for Municipal Operations	7.1 Municipal Operation & Maintenance Activities	YES. The MS4's Emergency Spill Response Plan was evaluated and no updates were needed in Permit Year 1.

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	3,299	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 MS4 posted on their website (www.fbmud142.com) guidelines for recycling and trash pick-up and will post the approved SWMP when available and the submitted Annual Report. The material on the website does not directly reduce pollutants in storm sewer systems but help to educate the public.
1.Public Education, Outreach, and Involvement	4.1	Storm Drain Marking	746	Inlet Markers	YES. To date approximately, 746 inlet markers have been placed by volunteers. Since the markers are placed on inlets directly connected to the MS4, this BMP can have a direct impact in the reduction of pollutants.

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	5.1	Opportunity for Public Comment	12	Public Opportunity	YES. Permit Year 1 BMPs were discussed at the MS4's monthly Board Meetings. These meetings are open to the public which allows for comments and questions on the SWMP from residents. 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.
2. Illicit Discharge Detection and Elimination	3.1	Maps of 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.

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	5.1	Public Reporting Using Utility Bill Insert	3,299	Education Inserts	YES. The MS4 Operator distributed 3,299 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 Rate Order for Illicit Discharge	1	Rate Order	YES. No changes were recommended to the MS4's Rate Order 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 abided.
3. Construction Site Storm Water Runoff Control	3.1	Evaluate Rate Order for Construction Site Storm Water Runoff Control	1	Rate Order	YES. No changes were recommended to the MS4's Rate Order 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 abided.

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	5.1	Construction Site Inspection & Enforcement	2	Construction Inspections	YES. The MS4 inspected two (2) construction sites to verify BMPs were placed as stated in their SWP3s that were reviewed in previous permitting years. The inspections have a direct reduction in pollutants.
3. Construction Site Storm Water Runoff Control	5.1	Construction Site Inspection & Enforcement	18	Home Builder Construction Inspections	YES. Eighteen (18) home builder construction inspections were performed on all applicable projects which disturb 1 or more acres or are part of a common plan of development. These inspections were on single-family residential construction lots. These inspections demonstrated a direct reduction in pollutants in the MS4.
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 "Construction Site and Post-Construction Runoff Controls Storm Water Permit and Storm Water Quality Plan Guidelines" by Fort Bend County was utilized to aid in implementing construction site BMPs. While the guidance manual provides information on how to implement erosion and sediment controls, soil stabilization, and best management practices it does not have a direct reduction in pollutants.
4. Post-Construction Storm Water Management in New Development and Redevelopment	3.1	Evaluate Rate Order to Address Post-Construction Runoff	1	Rate Order	YES. No changes were recommended to the MS4's Rate Order 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 abided.

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 "Construction Site and Post-Construction Runoff Controls Storm Water Permit and Storm Water Quality Plan Guidelines" by Fort Bend 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	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.
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 MS4 inventory list of facilities and storm water structural controls was evaluated and no updates were needed in Permit Year 1. This list does not a direct reduction of pollutants in the MS4.

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	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 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	1	Spill Response Kit	YES. One (1) spill response kit is readily available for use by the 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	1	Emergency Spill Response Plan	YES. The MS4's Emergency Spill Response Plan was reviewed and no revisions were needed in Permit Year 1. If the plan must be utilized, it can have a direct reduction in pollutants.

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 annually	MET GOAL. A total of 3,299 storm water educational inserts were distributed to the community with the residents’ utility bills in February 2019. This met the measurable goal of at least an annual distribution.
1.Public Education, Outreach, and Involvement	3.2 Utilize MS4 Website – post approved SWMP & submitted Annual Report	UNABLE TO MEET GOAL. The MS4’s SWMP was not formally approved by TCEQ by the submittal date of this Annual Report. The MS4 will post the Permit Year 1 to their website within the requirements of the General Permit.
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 insert.
1.Public Education, Outreach, and Involvement	5.1 Opportunity for Public Comment – hold Monthly Board Meeting	MET GOAL. The MS4 holds monthly Board 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 Storm Sewer Lines, Outfalls, Surface Waters, and Structural Controls – evaluate and update	MET GOAL. The MS4 map which identifies the approximate location of inlets, outfalls, surface waters, and structural controls was evaluated and no updates were needed in Permit Year 1.
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.

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	5.1 Public Reporting Using Utility Bill Inserts – distribute to the community annually	MET GOAL. A total of 3,299 storm water education inserts were distributed to the community in Permit Year 1. The inserts provided a telephone number so users in the MS4 can report illicit discharges and other pollution violations.
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 no 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.
2. Illicit Discharge Detection and Elimination	7.1 Evaluate Rate Order for Illicit Discharges – review and continue implementing	MET GOAL. No changes to the Rate Order were recommended in Permit Year 1. The Rate Order will be reviewed after the SWMP has been approved by the TCEQ.
3. Construction Site Storm Water Runoff Control	3.1 Evaluate the Rate Order for Construction Site Storm Water Runoff Control – review and continue implementing	MET GOAL. No changes to the Rate Order were recommended in Permit Year 1. The Rate Order will be reviewed after the SWMP has been approved by the TCEQ.

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	4.1 Construction Site Plan Review – review 100% of applicable site plan reviews	MET GOAL. No (0) construction drawings were received and reviewed on applicable projects to prevent water quality impacts within the MS4. As a result of no construction activities, there was no need for construction site plan reviews 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. Approximately, 18 homebuilder construction inspections and 2 other construction inspections were performed in the MS4 in Permit Year 1. The Construction Inspector inspected the construction sites during the preliminary stages to ensure all BMPs are properly installed. These inspections were done on single-family residential lots at least once a month.
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.
3. Construction Site Storm Water Runoff Control	7.1 Guidance Manual for Construction Site Storm Water Runoff Control – continue utilizing	MET GOAL. The MS4 continued to utilize “Construction Site and Post-Construction Runoff Controls Storm Water Permit and Storm Water Quality Plan Guidelines” by Fort Bend County to aid in implementing construction site BMPs.
4. Post Construction Storm Water Management in New Development and Redevelopment	3.1 Evaluate the Rate Order to Address Post-Construction Runoff – review and continue implementing	MET GOAL. No changes to the Rate Order were recommended in Permit Year 1. The Rate Order will be reviewed after the SWMP has been approved by the TCEQ.

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	4.1 Guidance Manual for Post-Construction Storm Water Controls – continue implementing	MET GOAL. The MS4 continued to utilize “Construction Site and Post-Construction Runoff Controls Storm Water Permit and Storm Water Quality Plan Guidelines” by Fort Bend County to aid in implementing post-construction BMPs.
4. Post Construction Storm Water Management in New Development and Redevelopment	5.1 Inspection Program for Post-Construction Storm Water Controls – inspect 100% of completed construction sites	MET GOAL. No post-construction site inspections were performed on any applicable projects to ensure permanent structural controls were properly constructed reducing the potential impact of illicit discharges. The construction sites listed in BMP 3.5.1 were ongoing at the end of Permit Year 1.
4. Post Construction Storm Water Management in New Development and Redevelopment	6.1 Training for Post-Construction Storm Water Controls – 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.
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 MS4 inventory list 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.
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.
5. Pollution Prevention and Good Housekeeping for Municipal Operations	5.1 Disposal of Waste – document number of response spill kit(s)	MET GOAL. The MS4 provided one (1) spill response kit readily available for the MS4 District Operator’s use to prevent illicit discharges from entering the storm sewer system. The MS4 Operator ensured all waste materials removed are properly disposed of and do not contribute as pollutants within the MS4.
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 contractors’ legal documents that their work performed for the MS4 will not have a negative effect on the storm sewer system nor their storm water runoff will not 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 MS4 developed an Emergency Spill Response Plan in a previous permitting year. The plan was evaluated and no updates were needed in Permit Year 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.?

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

The MS4 distributed 3,299 stormwater educational inserts to their water users in Permit Year 1. The inserts provided general information regarding storm water quality issues and promotes good housekeeping practices. The inserts also provided the MS4 Operator's phone number for residents to report illicit discharges and other environmental concerns. During Permit Year 1, no illicit discharges were reported nor detected within the MS4. Additionally, the insert also promoted the inlet marker program by seeking volunteers to install inlet markers. Approximately, 746 inlet markers have been installed by volunteers thus far. No groups were interested in placing inlet markers within the MS4 for Permit Year 1. The MS4 will continue to promote the inlet marking program to install new and/or missing inlet markers in the upcoming permit years.

The MS4 continued to implement a construction inspection program for homebuilders on single-family residential lots. Eighteen (18) construction site inspections for these activities were performed in Permit Year 1. Monthly and bi-monthly follow-up inspections (if needed) are conducted within the MS4 to assess the BMPs and other construction activities. If warranted, the MS4 mailed warning notification letters to the appropriate Home Builders informing them of the deficiencies observed during an inspection and stating that corrective action must be performed by a certain date and if it wasn't done that legal action may be taken against the Home Builder. No legal action nor violations were given in Permit Year 1. Corrective actions were taken by the Home Builders.

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.

Fort Bend County MUD 142 MS4 discharges directly to classified segment 1245E – Flewellen Creek which ultimately discharges into classified segment 1245 – Upper Oyster Creek. This classified segment was already listed in an EPA-approved 303(d) list and Texas Integrated Report of Surface Water Quality for CWA Section 305(b) and 303(d). This is not a newly-identified impaired waterbody. This waterbody was listed in the MS4's Storm Water Management Program. No newly listed impaired waterbodies have been added that are within the permitted MS4 area.

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.

All BMPs included in the SWMP have measurable goals focused on reducing pollutants of concern that contribute to the impairment in waterbodies. All focused BMPs are scheduled to be fully implemented by the end of Permit Year 5. Below are examples of BMPs which were implemented during Permit Year 1.

Construction Site Plan Reviews – The MS4 has a program in place to review construction drawings in accordance with the Construction General Permit TPDES No. TXR150000. A variety of items are evaluated such as erosion and sediment controls, best management practices, and soil stabilization. No construction site plan reviews occurred in the MS4 during Permit Year 1.

Construction Site Inspection & Enforcement – The MS4 has a program in place to evaluate and/or inspect construction sites to ensure no threat exists to the environment due to construction activities. Twenty (20) construction inspections were performed in the MS4 during Permit Year 1.

Inspection Program for Post-Construction Site Storm Water Controls – The MS4 has a program in place to evaluate construction sites and ensure permanent structural controls were properly constructed to reduce the potential impacts from illicit discharges. No post-construction activities occurred in the MS4 during Permit Year 1.

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

The MS4 has determined no concerning pollutants discharged from the MS4 based on observational data during Permit Year 1. Based on these observations, all discharges from the MS4 were unlikely to contain concerning levels of pollutants and bacteria. The MS4 will continue to implement the BMPs outlined in the SWMP to prevent pollutants of concern. If concerning pollutants are observed in future permit years, the MS4 will refer to the TCEQ-approved Implementation Plan and determine if additional BMPs are needed to prevent illicit discharges from impacting the environment. All BMPs are scheduled to be evaluated in Permit Year 3 to ensure program effectiveness and success. If no progress is observed towards adhering to the target control and meeting the benchmark parameter, the MS4 will identify alternative BMPs that address new or increased efforts towards the benchmark.

The MS4 will continue to work with the Upper Oyster Creek TMDL stakeholder and committee members and be an active participant in the Implementation Plan. Fort Bend County MUD No. 142 will continue to contribute in developing strategies to restore and improve water quality in Upper Oyster Creek.

Sanitary Sewer Systems – The MS4 District Operator monitors and maintains their sanitary sewer system and, if needed, improvements are made to reduce overflows and address any inadequacies. These inspections include the Waste Water Treatment Plant, lift stations, and sanitary sewer lines. If any overflow occurs within the system, the District Operator immediately reports the incident to TCEQ, cleans up the site, and fixes the cause so it doesn't occur again.

On-site Sewage Facility – The MS4 does not have jurisdiction over septic systems within their MS4 service area. Additionally, the MS4 does not allow on-site sewage facilities within their service area.

Illicit Discharge and Dumping – The MS4 will continue to respond to illicit discharges and illegal dumping incidents where bacteria may be the main pollutant to reach the storm sewer system. This includes grease and grit traps from commercial restaurant operations and septic systems, if applicable. In accordance with the MS4’s Rate Order, the MS4 will continue monthly inspections of commercial users with an approved grease trap. The Rate Order also has procedures in place if the grease trap does not meet the inspection.

Animal Sources - Zoos, horse stables, and other similar facilities are not knowingly located within Fort Bend County MUD No. 142. In this permit year’s storm water quality insert, the MS4 encourages its residents to pick up their pet waste and dispose of it properly. The MS4 will continue to relay this message in their annual public education insert.

Residential Education – The MS4 provides basic guidelines regarding proper pool and spa drainage in the annual storm water quality public education insert. The MS4 is assessing methods to educate their residents about fats, oils and grease clogging sanitary sewer lines and possibly causing overflows. This information may be included in future inserts. Additionally, the MS4 will continue to educate their residents about proper pet waste disposal.

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
Bacteria	1.26 x 10 ⁸ counts of E. coli bacteria in storm water runoff per day	Public outreach efforts reduce the probability of bacteria resulting from illicit discharges by 2%.	Permit Year 1
Bacteria	1.26 x 10 ⁸ counts of E. coli bacteria in storm water runoff per day	Restricting illicit discharges reduce the probability of bacteria resulting from illicit discharges by 20%.	Permit Year 1
Bacteria	1.26 x 10 ⁸ counts of E. coli bacteria in storm water runoff per day	Restricting illicit discharges from construction runoff reduces the probability of bacteria from entering the storm sewer inlets by 20%.	Permit Year 1
Bacteria	1.26 x 10 ⁸ counts of E. coli bacteria in storm water runoff per day	Reviewing construction drawings for BMPs which address erosion and sediment controls reduces the probability of bacteria from entering the storm sewer system by 20%.	Permit Year 1
Bacteria	1.26 x 10 ⁸ counts of E. coli bacteria	Evaluating construction sites for illicit discharges reduces the probability of bacteria from entering the storm sewer system by 20%.	Permit Year 1

Benchmark Parameter	Benchmark Value	Description of additional sampling or other assessment activities*	Year(s) conducted
	in storm water runoff per day		
Bacteria	1.26 x 10 ⁸ counts of E. coli bacteria in storm water runoff per day	Utilizing the guidance manual assists in the implementation of erosion and sediment controls, soil stabilization, and BMPs by 2%.	Permit Year 1
Bacteria	1.26 x 10 ⁸ counts of E. coli bacteria in storm water runoff per day	Restricting illicit discharge from post-construction runoff reduces the probability of bacteria from entering the storm sewer inlets by 20%.	Permit Year 1
Bacteria	1.26 x 10 ⁸ counts of E. coli bacteria in storm water runoff per day	Evaluating completed construction sites to ensure structural controls were properly installed reduces the probability of bacteria from entering the storm sewer system by 20%.	Permit Year 1

*Descriptions composed from *I-Plan for Two TMDLs for Dissolved Oxygen and One TMDL for Bacteria in Upper Oyster Creek*

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
Bacteria	Educational Materials	Educational materials raise awareness of stormwater quality concerns and encourage public reporting when illicit discharges are identified and detected.
Bacteria	Public Outreach Efforts	Public involvement is essential to raise awareness on illicit discharges for pollution source control and prevention measures.
Bacteria	Urban Nonpoint Sources from Storm Water Management Efforts	Restricting illicit discharge from construction activities reduces the probability of bacteria entering the storm sewer system.

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

Pollutant to Address	Description of bacteria-focused BMP	Comments/Discussion
Bacteria	1.3.1 Utility Bill Inserts 1.4.1 Storm Drain Marking	<p>The MS4 distributed inserts to all residents and businesses educating them on storm water quality and how to report illicit discharges.</p> <p>The inlet marking program reminds potential violators that only storm water runoff is allowed in the inlets. Additionally, the placement of the markers by volunteers allows the volunteers to be educated on storm water quality issues and methods they can do to lessen their impact.</p>
Bacteria	2.5.1 Public Reporting Using Utility Bill Inserts	The annually distributed public education inserts provide a phone number for residents to call if they suspect illicit discharges and/or illegal dumping.
Bacteria	2.6.1 Responding to Illicit Discharges & Spills 2.6.2 Source Investigation of Illicit Discharges 2.6.3 Source Elimination of Illicit Discharges	The field staff was trained to observe water quality control measures on BMPs to minimize the discharge of pollutants from equipment and vehicle washing, building materials and products, construction waste and trash, fertilizers, pesticides, herbicides, sanitary waste, spills, and leaks. These BMPs are continuously being implemented, as needed.
Bacteria	2.7.1 Evaluate the Rate Order for Illicit Discharges 3.3.1 Evaluate the Rate Order for Construction Site Storm Water Runoff Control 4.3.1 Revision to Rate Order to Address Post-Construction Runoff	The Rate Order was evaluated in Permit Year 1 to ensure compliance with current regulations. The MS4 has the authority to assess violations that discharge pollutants of concerns and sources of bacteria to the storm sewer system.
Bacteria	2.4.1 Training for Illicit Discharge Detection & Elimination	Field staff were trained in Permit Year 1 to identify illicit discharges, illegal connections and illegal dumping. Detecting these items enable the MS4 Operator to eliminate sources of pollutants prior to entering the storm sewer system.
Bacteria	3.6.1 Training for Construction Site Storm Water Runoff Controls 4.6.1 Training for Post-Construction Storm Water Controls	Field staff were trained in Permit Year 1 to observe water quality control measures on BMPs to minimize the discharge of pollutants from construction and post-construction activities.

Pollutant to Address	Description of bacteria-focused BMP	Comments/Discussion
Bacteria	5.4.1 Training for Pollution Prevention & Good Housekeeping	Field staff were trained in Permit Year 1 to ensure municipal operation and maintenance activities do not negatively impact the MS4 and provide methods they can do to ensure compliance with the SWMP.
Bacteria	5.5.1 Disposal of Waste	The MS4 ensured spill response kit(s) were readily available for their use in the event of a minor or moderate spill. The spill kits were not utilized in Permit Year 1.
Bacteria	5.7.1 Inspection & Assessment on Facilities Municipal Operation & Maintenance Activities	<p>The MS4 continued to implement its emergency spill response plan that outlines steps in the event of a minor, moderate, or major spill . The plan did not need to be referenced in Permit Year 1.</p> <p>The MS4 continued to promptly address any adverse conditions in the sanitary sewer system to decrease the probability of overflows or inadequacies reaching the MS4.</p>

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

Benchmark Indicator	Description/Comments
Number of Illicit Discharges Reported.	No illicit discharges were reported within the MS4 service area.
Preventative Maintenance on Facilities within the MS4 Service Area	The MS4 Operator performed daily maintenance on sanitary sewer facilities, as needed. Activities include maintaining the waste water treatment plant, lift stations, cleaning the sanitary sewer lines, removing blockages, and repairing the sanitary sewer system.
Number of Educational Materials Distributed to the Community.	A total of 3,299 educational inserts were mailed to residents within the MS4 service area. The education material addressed good housekeeping principles and pollution prevention measures.
Educational Opportunities Offered.	The inlet marker replacement program was available throughout Permit Year 1 for volunteer groups to replace missing inlet markers.
Number of Sanitary Sewer Overflows.	No sanitary sewer overflows were reported to the MS4 Operator during Permit Year 1.

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 distribute educational material to the community annually.
1	1.3.2	Utilize MS4 Website	Post the approved SWMP and submitted Annual Report to the MS4's website, when available. Continue to provide storm water quality information on the MS4's website.
1	1.4.1	Storm Drain Marking	Continue to offer volunteers the opportunity to place inlet markers.
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 Storm Sewer Lines, Outfalls, Surface Waters & Structural Controls	Evaluate the current storm sewer system map and incorporate any new data.
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 to the community annually.
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.

MCM(s)	BMP	Stormwater Activity	Description/Comments
2	2.6.2	Source Investigation of Illicit Discharges	Evaluate procedures to investigate illicit discharges. Develop written inspection and follow-up procedures for illicit discharge investigations.
2	2.6.3	Source Elimination of Illicit Discharges	Continue to implement procedures for removing illicit discharges and document corrective actions performed.
2	2.7.1	Evaluate Rate Order for Illicit Discharges	Review the Rate Order for any necessary changes to ensure compliance with the General Permit. Update and develop a draft Rate Order, if needed.
3	3.3.1	Evaluate the Rate Order for Construction Site Storm Water Runoff Control	Review the Rate Order for any necessary changes to ensure compliance with the General Permit. Update and develop a draft Rate Order, 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.
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.
4	4.3.1	Evaluate Rate Order to Address Post-Construction Runoff	Review the Rate Order for any necessary changes to ensure compliance with the General Permit. Update and develop a draft Rate Order, if needed.

MCM(s)	BMP	Stormwater Activity	Description/Comments
4	4.4.1	Guidance Manual for Post-Construction Storm Water Controls	Continue utilizing the guidance manual.
4	4.5.1	Inspection Program for Post-Construction Storm Water Controls	Continue to conduct inspections on all applicable, completed projects, as needed.
4	4.6.1	Training for Post-Construction Storm Water Controls	Update/revise the training program, as needed. Offer the training program to the 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 the appropriate field staff.
5	5.5.1	Disposal of Waste	Review 30 TAC Chapters 330 and 335 and evaluate methods for waste disposal. Ensure all waste is properly disposed of and does not contribute as illicit material. Continue to ensure a spill response kit is still available for the MS4.
5	5.6.1	Contractor Oversight	Finalize language to insert in legal documents for new MS4 contractors to use the appropriate BMPs, control measures, and 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).

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? N/A
 Yes No

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):

3 construction activities occurred in the jurisdictional area of the MS4 (2 commercial and municipal and 1 single-family residential community), but the MS4 received no Large nor Small construction site notices

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.

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): Randall L Carter Title: President

Signature:  Date: March 18, 2020

Name of MS4: Fort Bend County MUD 142 MS4