PHASE II MS4 ANNUAL REPORT

PERMIT YEAR 6:

January 1, 2024-December 31, 2024

Fort Bend County MUD No. 142

TPDES Permit No. TXR040434

QUIDDITY ENGINEERING

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): 6 (per guidance from TCEQ)

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, 2024

Reporting period end date: (month/date/year): December 31, 2024

MS4 Operator Level: Level 2

Name of MS4: Fort Bend County MUD 142 MS4

Contact Name: Liz Stone with Quiddity Engineering (MS4 Administrator)

Telephone Number: (281) 363-4039

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

E-mail Address: lstone@quiddity.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		
Permittee is currently in compliance with recordkeeping and reporting requirements.	Yes		
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	Yes		
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	Yes		

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.	3.1 Utility Bill Inserts	YES. The MS4 distributed 2,470 stormwater educational utility bill inserts to residents in Permit Year 6. The information provided general stormwater education and good housekeeping principles.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1.	3.2 Utilize MS4 Website	YES. The MS4 posted on their website, https://fbmud142.com/waste-collection/ guidelines for recycling and bulk trash collection. The previously submitted Annual Reports and the approved SWMP are also posted to the MS4's website per the requirements in the General Permit https://fbmud142.com/documents/. The MS4 posted the distributed stormwater quality utility bill insert and an educational article about what items can and cannot be flushed down the toilet (https://fbmud142.com/posts/2024-03-28/stormwater-runoff/ and https://fbmud142.com/posts/2024-03-04/the-not-so-flushable-wipes/).
1.	4.1 Storm Drain Marking	YES. Since the inception of the MS4's storm drain marking program for this permit term, a total of 746 inlet markers were installed by volunteers.
2.	3.1 Maps of Storm Sewer Lines, Outfalls, Surface Water & Structural Controls	YES. The MS4 map which identifies the approximate location of all inlets, outfalls, surface waters, and structural controls were evaluated, and no updates were needed in Permit Year 6.
2.	4.1 Training for Illicit Discharge Detection & Elimination	YES. An MS4 Training Session was conducted on June 18, 2024, through a webinar. The recorded presentation was placed on the MS4 Administrator's website https://www.quiddity.com/municipal-separate-storm-sewer-system-training/). An electronic sign-in sheet was retained, and all participants were provided a certificate of attendance.
2.	5.1 Public Reporting Using Utility Bill Inserts	YES. The MS4 distributed 2,470 stormwater educational inserts to the public in Permit Year 6 which included a phone number for residents to report illicit discharges and other pollution concerns.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
3.	6.1 Training for Construction Site Stormwater Runoff Control	YES. An MS4 Training Session was conducted on June 18, 2024, through a webinar. The recorded presentation was placed on the MS4 Administrator's website (https://www.quiddity.com/municipal-separate-storm-sewer-system-training/). An electronic sign-in sheet was retained, and all participants were provided a certificate of attendance.
4.	6.1 Training for Post-Construction Stormwater Controls	YES. An MS4 Training Session was conducted on June 18, 2024, through a webinar. The recorded training was posted on the MS4 Administrator's website (https://www.quiddity.com/municipal-separate-storm-sewer-system-training/). An electronic sign-in sheet was retained, and all participants were provided a certificate of attendance.
5.	4.1 Training for Pollution Prevention & Good Housekeeping	YES. An MS4 Training Session was conducted on June 18, 2024, through a webinar. The recorded presentation was placed on the MS4 Administrator's website (https://www.quiddity.com/municipal-separate-storm-sewer-system-training/). An electronic sign-in sheet was retained, and all participants were provided a certificate of attendance.
5.	5.1 Disposal of Waste	YES. The MS4 provided one (1) spill response kit for the MS4 to prevent illicit discharges from entering the storm sewer system. The MS4 Operator ensured that all waste collected at MS4 facilities was properly disposed of in accordance with 30 TAC Chapter 330 and 335.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
5.	7.1 Municipal Operation & Maintenance Activities	YES. The MS4's Emergency Spill Response Plan was evaluated, and no changes were needed in Permit Year 6. The MS4 continued to reference written inspection and follow-up procedures for illicit discharges, construction stabilization measures, and municipal facilities, as needed. Additionally, the MS4 reviewed the list of possible pollutants of concern and pollution prevention measures for the facilities listed in the inventory list for BMP 5.3.1; an additional structure and its pollution measures were included in Permit Year 6. Site inspections were conducted at eight (8) District facilities in Permit Year 6. No incidents on non-compliance were observed.

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.	3.1	Utility Bill Inserts	2,470	Educational Inserts	NO. Though this BMP does not result in a direct reduction of pollutants, stormwater educational inserts provide public education to residents on good housekeeping principles and pollution prevention measures.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1.	3.2	Utilize MS4 Website	1 1 1 1	Recycling & Trash Guidelines Annual Reports & SWMP SWQ Utility Bill Insert Educational Flushing Article	NO. The MS4 posted on their website guidelines for recycling and bulk trash collection, the previously submitted Annual Reports and approved SWMP per the requirements in the General Permit, the distributed stormwater quality utility bill insert and an educational article about what items can and cannot be flushed down the toilet. While posting these items is helpful, they do not demonstrate a direct reduction in potential pollutants.
1.	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.
1.	5.1	Opportunity for Public Comment	12	Board Meetings	YES. Best Management Practices (BMPs) were discussed at the District's predominately monthly board meetings during Permit Year 6. The SWMP is provided on the District's website per the TCEQ requirements. No comments were received in Permit Year 6.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
2.	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 6. This BMP is helpful when tracking illicit discharges but does not directly reduce pollutants.
2.	4.1	Training for Illicit Discharge Detection and Elimination	1	Training Program	YES. The MS4 Training Session was conducted on June 18, 2024, through a webinar. The training presentation can have a direct reduction in potential pollutants by helping field personnel identify illicit discharges.
2.	5.1	Public Reporting Using Utility Bill Insert	2,470	Education Inserts	YES. The MS4 distributed 2,470 stormwater educational inserts to the public in Permit Year 6 that included a phone number for residents to report illicit discharges and other pollution concerns. This BMP can directly impact the reduction of potential pollutants in the stormwater.
2.	7.1	Evaluate Rate Order for Illicit Discharge	1	Rate Order	YES. The MS4 renewed their Rate Order in a previous permit year and changes were recommended this permit year. The Rate Order can potentially have a direct reduction in potential pollutants by stating what is legally allowed and required, including what the consequences are 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.	3.1	Evaluate Rate Order for Construction Site Stormwater Runoff Control	1	Rate Order	YES. The MS4 renewed their Rate Order in a previous permit year and changes were recommended this permit year. The Rate Order can potentially have a direct reduction in potential pollutants by stating what is legally allowed and required, including what the consequences are if rules are not followed.
3.	6.1	Training for Construction Site Stormwater Runoff Control	1	Training Program	YES. An MS4 Training Session was conducted on June 18, 2024, through a webinar. The training presentation can have a direct reduction in potential pollutants by helping field personnel identify any illicit discharge and other construction site concerns.
3.	7.1	Guidance Manual for Construction Site Stormwater Runoff Control	1	Guidance Manual	NO. The “Construction Site and Post-Construction Runoff Controls Stormwater Permit and Stormwater 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 (BMPs), it does not have a direct reduction in potential pollutants.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
4.	3.1	Evaluate Rate Order to Address Post-Construction Runoff	1	Rate Order	YES. In Permit Year 6 the MS4 renewed their Rate Order in a previous permit year and changes were recommended this permit year. The Rate Order can potentially have a direct reduction in potential pollutants by stating what is legally allowed and required, including what the consequences are if conditions are not abided.
4.	4.1	Guidance Manual for Post-Construction Stormwater Controls	1	Guidance Manual	NO. The "Construction Site and Post-Construction Runoff Controls Stormwater Permit and Stormwater 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 stormwater control measures, it does not have a direct reduction in potential pollutants.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
4.	6.1	Training for Post-Construction Stormwater Controls	1	Training Program	YES. The MS4 Training Session was conducted on June 18, 2024, through a webinar. The presentation can have a direct reduction in potential pollutants by helping field personnel identify any illicit discharge from permanent stormwater control features.
5.	3.1	Inventory of Facilities & Stormwater Structural Controls	1	List of Municipal Facilities	NO. The MS4's inventory list of facilities and stormwater structural controls was evaluated, and no new sites were included in Permit Year 6.
5.	4.1	Training for Pollution Prevention & Good Housekeeping	1	Training Program	YES. The MS4 Training Program was conducted on June 18, 2024, through a webinar. The presentation can have a direct reduction in potential pollutants by helping field personnel conduct municipal activities that do not negatively impact the MS4.
5.	5.1	Disposal of Waste	1	Spill Response Kit1	YES. One (1) spill response kit is readily available for use by the MS4 to prevent illicit discharges from entering the storm sewer system. The MS4 ensured all waste materials removed were properly disposed of and did not contribute as pollutants. The kits, if used, will have a direct reduction of pollutants into the MS4.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
5.	7.1	Municipal Operation & Maintenance Activities	1	Emergency Spill Response Plan	YES. The MS4's Emergency Spill Response Plan was evaluated, and no changes were needed in Permit Year 6.
			1	Written Inspection & Follow-Up Procedures	The MS4 continued to reference written inspection and follow-up procedures for illicit discharges, construction stabilization measures, and municipal facilities, as needed.
			1	List of Pollutant of Concerns & Pollution Prevention Measures	Additionally, the MS4 reviewed the list of possible pollutants of concern and pollution prevention measures for the facilities listed in the inventory list for BMP 5.3.1 and an additional structure and its pollution measures were included in Permit Year 6.
			8	MS4 Facility Inspections	Site inspections were conducted at eight (8) District facilities in Permit Year 6. No incidents of non-compliance were observed. CCTV, manhole/inlet/outfall rehab, line flushing were also permitted in the District in Permit Year 6.These BMPs can have a direct reduction in the 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.	3.1 Utility Bill Inserts – Distribute to 100% of the MS4 Annually	MET GOAL. The MS4 distributed 2,470 stormwater educational pamphlets to residents of the community. This met the measurable goal of at least an annual distribution.
1.	3.2 Utilize MS4 Website – post approved SWMP (when available) & submitted Annual Report	EXCEEDED GOAL. The MS4 posted on their website, www.fbmud142.com guidelines for recycling and bulk trash collection, the previously submitted Annual Reports and SWMP, posted the distributed stormwater quality utility bill insert and an educational article about what items can and cannot be flushed down the toilet. The MS4 exceeded this measurable goal by posting addition material that what was sated in their SWMP.
1.	4.1 Storm Drain Marking – report 100% of installed markers annually	MET GOAL. A total of 746 inlet markers were installed by volunteers in previous permit years.
1.	5.1 Opportunity for Public Comment – hold Monthly Board Meeting	MET GOAL. All residents, businesses, and visitors within the MS4 area have the opportunity to comment on the Stormwater Management Plan at the MS4's monthly Board Meetings.
2.	3.1 Maps of Storm Sewer Lines, Outfalls, Surface Waters, and Structural Controls – Annually Review MS4 Map	MET GOAL. The MS4 map which identifies the approximate location of all inlets, outfalls, surface waters, and structural controls was evaluated, and no updates were needed in Permit Year 6.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
2.	4.1 Training for Illicit Discharge Detection & Elimination – hold one training session annually	MET GOAL. The MS4 held one (1) training session on June 18, 2024, through a webinar.
2.	5.1 Public Reporting Using Utility Bill Inserts – Advertise contact information annually	MET GOAL. The MS4 distributed 2,470 stormwater educational inserts to the public in Permit Year 6 which included a phone number for residents to report illicit discharges and other pollution concerns.
2.	6.1 Responding to Illicit Discharges & Spills – respond to 100% of reported potential illicit discharges	MET GOAL. No (0) incidents of illicit discharges or illegal dumping were reported in the MS4 during Permit Year 6. The MS4 has a program in place to respond to all reports and conduct the appropriate actions as concerns illicit discharges.
2.	6.2 Source Investigation of Illicit Discharges - respond to 100% of reported potential illicit discharges	MET GOAL. No (0) incidents of illicit discharges or illegal dumping were located and investigated within the MS4. The MS4 has procedures in place to investigate the affected area, prioritize the risk, and assess the situation.
2.	6.3 Source Elimination of Illicit Discharges – respond to 100% of reported potential illicit discharges	MET GOAL. No (0) incidents of illicit discharges or illegal dumping were eliminated from the MS4 during Permit Year 6. The MS4 has a program in place to safely remove the illicit discharge, if applicable, 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.	7.1 Evaluate Rate Order for Illicit Discharges – review annually	MET GOAL. The MS4 renewed their Rate Order in a previous permit year and changes were recommended this permit year.
3.	3.1 Evaluate the Rate Order for Construction Site Stormwater Runoff Control – review annually	MET GOAL. The MS4 renewed their Rate Order in a previous permit year and changes were recommended this permit year.
3.	4.1 Construction Site Plan Review – review 100% of applicable site plan reviews	MET GOAL. No (0) construction drawings were received and reviewed on all applicable projects one acre or larger to prevent water quality impacts within the MS4.
3.	5.1 Construction Site Inspection & Enforcement – inspect 100% of applicable construction sites	MET GOAL. No (0) commercial construction inspections were performed on all applicable projects which disturb 1 or more acres or are part of a common plan of development.
3.	6.1 Training for Construction Site Stormwater Runoff Control – hold one training session annually	MET GOAL. The MS4 held one (1) training session on June 18, 2024, through a webinar.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
3.	7.1 Guidance Manual for Construction Site Stormwater Runoff Control – continue utilizing	MET GOAL. The MS4 continued to utilize "Construction Site and Post-Construction Runoff Controls Stormwater Permit and Stormwater Quality Plan Guidelines" by Fort Bend County to aid in implementing construction site BMPs.
4.	3.1 Evaluate the Rate Order to Address Post-Construction Runoff – review annually	MET GOAL. The MS4 renewed their Rate Order in a previous permit year and changes were recommended this permit year.
4.	4.1 Guidance Manual for Post-Construction Stormwater Controls – continue implementing	MET GOAL. The MS4 continued to utilize "Construction Site and Post-Construction Runoff Controls Stormwater Permit and Stormwater Quality Plan Guidelines" by Fort Bend County to aid in implementing post-construction BMPs.
4.	5.1 Inspection Program for Post-Construction Stormwater Controls – inspect 100% of completed construction sites	MET GOAL. No (0) post-construction site inspections were performed within the MS4 during Permit Year 6. Inspections ensured permanent structural controls were properly constructed, reducing the potential impact of illicit discharges and that the long-term functionality of the BMP is maintained.
4.	6.1 Training for Post-Construction Stormwater Controls – hold one training session annually	MET GOAL. The MS4 held one (1) training session on June 18, 2024, through a webinar.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
5.	3.1 Inventory of Facilities & Stormwater Structural Controls – maintain and update	MET GOAL. The MS4's inventory list was evaluated, and no new sites were added in Permit Year 6.
5.	4.1 Training for Pollution Prevention & Good Housekeeping – hold one training session annually	MET GOAL. The MS4 held one (1) training session on June 18, 2024, through a webinar.
5.	5.1 Disposal of Waste – document number of response spill kit(s)	MET GOAL. The MS4 provided one (1) spill response kit for the MS4 to prevent illicit discharges from entering the storm sewer system. The MS4 Operator ensured that all waste collected at MS4 facilities was properly disposed of in accordance with 30 TAC Chapter 330 and 335.
5.	6.1 Contractor Oversight – Research Phase	MET GOAL. The MS4 began to research appropriate text to use in contractors' legal documents and agreements with the MS4 that states their work performed on MS4-owned and/or operated facilities will not have a negative effect on the storm sewer system and will not release runoff that may be considered an illicit discharge.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
5.	7.1 Municipal Operation & Maintenance Activities – summarize O&M activities	MET GOAL. The MS4's Emergency Spill Response Plan was evaluated, and no changes were needed in Permit Year 6. The MS4 continued to reference written inspection and follow-up procedures for illicit discharges, construction stabilization measures, and municipal facilities, as needed. Additionally, the MS4 reviewed the list of potential pollutants of concern and pollution prevention measures for the facilities listed in the inventory list for BMP 5.3.1 and an additional structure and its pollution measures were included in Permit Year 6. Site inspections were conducted at eight (8) District facilities in Permit Year 6. No incidents on non-compliance were observed. CCTV, manhole/inlet/outfall rehab, line flushing were also permitted in the District in Permit Year 6.

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 listed in the SWMP.

Site inspections were conducted at eight (8) MS4 facilities in Permit Year 6. No incidents of non-compliance were observed during this time. These measures help to reduce the discharge of pollutants from entering the receiving stream.

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 unclassified segment Flewellen Creek-1245E –which ultimately discharges into classified segment Upper Oyster Creek -1245. This classified segment was already listed in an EPA-approved 303(d) list and the *Texas Integrated Report - Index of Water Quality Impairments*. This is not a newly identified impaired waterbody. This waterbody was listed in the MS4's Stormwater Management Program. An EPA-approved Total Maximum Daily Load (TMDL) has been developed for Segment 1245. No newly listed impaired waterbodies have been added that are within the permitted MS4 area. The parameters of impairment are bacteria and depressed dissolved oxygen.

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 MS4's SWMP have measurable goals focused on reducing pollutants of concern that may contribute to the impairment in waterbodies. All focused BMPs are scheduled to be fully implemented by the end of Permit Year 6.

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

   All BMPs outlined in the MS4's SWMP targets residents, businesses, commercial and industrial facilities that reside within the MS4's jurisdiction. The BMPs focus on detecting, addressing, and eliminating impairments caused by bacteria and other illicit discharges.

   The MS4 has determined no pollutants of concerns are being discharged from the MS4 based on observational data during Permit Year 6. As a result of these observations, all discharges from the MS4s were unlikely to contain concerning levels of bacteria nor depressed dissolved oxygen. The MS4 will continue to implement the BMPs outlined in the SWMP. If concerning pollutants are observed in future permit years, the MS4 will refer to the TCEQ-approved Implementation Plan (I-Plan) and determine if additional BMPs are needed to prevent illicit discharges from impacting the environment. All BMPs are scheduled to be evaluated in the next permitting year 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.

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 stormwater runoff per day	Public outreach efforts reduce the probability of bacteria resulting from illicit discharges by 2%.	Permit Year 6 (2024)
Bacteria	1.26 *x* 10^8 counts of E. coli bacteria in stormwater runoff per day	Restricting illicit discharges reduce the probability of bacteria resulting from illicit discharges by 20%.	Permit Year 6 (2024)
Bacteria	1.26 *x* 10^8 counts of E. coli bacteria in stormwater runoff per day	Restricting illicit discharges from construction runoff reduces the probability of bacteria from entering the storm sewer inlets by 20%.	Permit Year 6 (2024)
Bacteria	1.26 *x* 10^8 counts of E. coli bacteria in stormwater 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 6 (2024)
Bacteria	1.26 *x* 10^8 counts of E. coli bacteria in stormwater runoff per day	Evaluating construction sites for illicit discharges reduces the probability of bacteria from entering the storm sewer system by 20%.	Permit Year 6 (2024)
Bacteria	1.26 *x* 10^8 counts of E. coli bacteria in stormwater runoff per day	Utilizing the guidance manual assists in the implementation of erosion and sediment controls, soil stabilization, and BMPs by 2%.	Permit Year 6 (2024)
Bacteria	1.26 *x* 10^8 counts of E. coli bacteria in stormwater 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 6 (2024)

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 stormwater 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 6 (2024)

*Descriptions composed from *I-Plan for Two TMDLs for Dissolved Oxygen and One TMDL for Bacteria in Upper Oyster Creek*. This Report did not provide an estimated percent reduction for depressed dissolved oxygen.

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	Public Education Program - Educational Materials and Public Outreach Efforts	Educational materials raise awareness of stormwater quality concerns and encourage public reporting of illicit discharges. The MS4's inlet marking program provided involvement in the SWMP and encouraged participants to report illicit discharges and other environmental concerns.
Bacteria	Illicit Discharge and Elimination Program	The MS4 responds to all reported illicit discharges and environmental concerns. These incidents are fully documented and remediated to the maximum extent practicable.

Benchmark Parameter	Selected BMP	Contribution to achieving Benchmark
Bacteria	Construction Site Plan Review and Site Inspections	Restricting illicit discharges from construction activities reduces the probability of pollutants entering the storm sewer system. Performing reviews on construction drawings and inspections on construction projects ensures that appropriate BMPs are being implemented to minimize the discharge of possible impairments. Site inspections were conducted at eight (8) District facilities in Permit Year 6. No incidents on non-compliance were observed.
Bacteria	Municipal Operations and Good Housekeeping Practices	Routine maintenance and inspection procedures of MS4 facilities assist in minimizing illicit discharges. If minor spills occur, the MS4 has immediate use of one (1) spill response kit.

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

Description of bacteria-focused BMP	Comments/Discussion
Sanitary Sewer Systems	The MS4 monitors and maintains their sanitary sewer system and, if needed, improvements are made to reduce overflows and address any inadequacies. These inspections include the lift stations and sanitary sewer lines. These efforts help to reduce the number of sanitary sewer overflows.
On-site Sewage Facilities (for entities with appropriate jurisdiction)	No on-site sewage facilities are knowingly located within the MS4. The MS4 does not have jurisdiction over septic systems within their service area nor do they allow on-site sewage facilities within their MS4.
Illicit Discharge and Dumping	In accordance with the MS4's Rate Order, the District Operator for the MS4 will continue to inspect commercial users with an approved grease trap and/or grit inceptor.

Description of bacteria-focused BMP	Comments/Discussion
Animal Sources	Zoos, horse stables, and other animal housing facilities are not knowingly located with Fort Bend County MUD No. 142. The MS4 will be mindful of these types of facilities should they be in their jurisdiction in the future and will include them in the distribution of stormwater quality education material that discuss animal waste. In this permit year's stormwater quality insert, the MS4 encourages its residents to pick up their pet waste and dispose of it properly.
Residential Education	The MS4 provided basic guidelines regarding proper pool and spa drainage and proper pet waste disposal in the annual stormwater quality public education insert. The MS4 distributed and posted on its website information for residents to follow on the proper disposal of Fats, Oils and Grease (FOG).

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

Benchmark Indicator	Description/Comments
Number of Educational Materials Distributed to the Community	A total of 2,470 stormwater educational material were mailed to residents within the MS4 service area. The information addressed stormwater quality good housekeeping practices. This insert provided a phone number for residents to report illicit discharges and other environmental concerns.

E. Stormwater Activities

Describe activities planned for the next reporting year:

In accordance with TCEQ's regulatory guidance, the activities listed below are a continuation of Permit Year 5 Best Management Practices (BMPs) as stated in the Permittee's TCEQ-approved Stormwater Management Program.

MCM(s)	BMP	Stormwater Activity	Description/Comments
1	1.3.1	Utility Bill Inserts	Update and revise the education material, as needed, and distribute education material to 100% of the community.
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 stormwater quality educational information.
1	1.4.1	Storm Drain Marking	Continue to offer volunteers the opportunity to place inlet markers and record the quantity.
1	1.5.1	Opportunity for Public Comment	Continue to hold monthly public meetings where the public can ask questions and make comments about the SWMP.
2	2.3.1	Maps of Storm Sewer Lines, Outfalls, Surface Waters & Structural Controls	Update and revise map if new data related to the storm sewer system is identified.
2	2.4.1	Training for Illicit Discharge Detection & Elimination	Hold at least one (1) training session annually and offer the training program to appropriate staff.
2	2.5.1	Public Reporting Using Utility Bill Inserts	Advertise the current contact information for the MS4 and distribute to 100% of the MS4 annually.
2	2.6.1	Responding to Illicit Discharges & Spills	Respond to 100% of reported illicit discharges annually.

MCM(s)	BMP	Stormwater Activity	Description/Comments
2	2.6.2	Source Investigation of Illicit Discharges	Investigate 100% of reported illicit discharges.
2	2.6.3	Source Elimination of Illicit Discharges	Eliminate 100% of reported illicit discharges, if applicable.
2	2.7.1	Evaluate Rate Order for Illicit Discharges	Continue implementing the Rate Order and recommend changes, if needed.
3	3.3.1	Evaluate the Rate Order for Construction Site Stormwater Runoff Control	Continue implementing the Rate Order and recommend changes, if needed.
3	3.4.1	Construction Site Plan Review	Continue to conduct plan reviews on 100% of applicable submittals.
3	3.5.1	Construction Site Inspection & Enforcement	Continue to conduct construction site inspections on 100% of applicable construction sites.
3	3.6.1	Training for Construction Site Stormwater Runoff Control	Hold at least one (1) training session annually and offer the training program to appropriate staff.
3	3.7.1	Guidance Manual for Construction Site Stormwater Runoff Control	Continue utilizing the guidance manual.
4	4.3.1	Evaluate Rate Order to Address Post-Construction Runoff	Continue implementing the Rate Order and recommend changes, if needed.
4	4.4.1	Guidance Manual for Post-Construction Stormwater Controls	Continue utilizing the guidance manual.
4	4.5.1	Inspection Program for Post-Construction Stormwater Controls	Continue to conduct inspections on 100% of applicable, completed projects, as needed.

MCM(s)	BMP	Stormwater Activity	Description/Comments
4	4.6.1	Training for Post-Construction Stormwater Controls	Hold at least one (1) training session annually and offer the training program to appropriate staff.
5	5.3.1	Inventory of Facilities & Stormwater Structural Controls	Continue to maintain an MS4 inventory list and update, as needed.
5	5.4.1	Training for Pollution Prevention & Good Housekeeping	Hold at least one (1) training session annually and offer the training program to appropriate staff.
5	5.5.1	Disposal of Waste	Continue to ensure spill response kits are still available for the MS4. Ensure all waste is properly disposed and does not contribute as illicit material.
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/or 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.

   _X_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__X_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 _X_ 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 _X_ 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):

   0

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

___ Yes _X_ 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): Randal L Carter

Title: President

Signature:

Date: March 23, 2025

Name of MS4: **Fort Bend County MUD 142 MS4**