Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: **TXR040067**

Reporting Year (year will be either 1, 2, 3, 4, or 5):**6**

Annual Reporting Year Option Selected by MS4:

Calendar Year:_____

Permit Year:_____

Fiscal Year: ____**X**_____ Last day of fiscal year: (**September 30th**)

Reporting period beginning date: (month/date/year) **10/01/2023**

Reporting period end date: (month/date/year) **9/30/2024**

MS4 Operator Level: ___**2**___ Name of MS4:**Galveston County Consolidated Drainage District**

Contact Name: **Joseph Anderson** Telephone Number: **(281)482-0404**

Mailing Address: **1605 Whitaker Dr., Friendswood, TX 77546**

E-mail Address: **janderson@gccdd.dst.tx.us**

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.	X		All BMPs and measurable goals have been implemented during the current reporting period.
Permittee is currently in compliance with recordkeeping and reporting requirements.	X		All associated SWMP records and annual reporting requirements have been met for the current permit term.
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	X		The permittee meets the eligibility requirements established in TPDES General Permit No. TXR040000.
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	X		Annual SWMP Review was conducted on 5/08/2024

2. Provide a general assessment of the appropriateness of the selected BMPs. You may use the table below to meet this requirement (**see Example 1 in instructions**):

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1	Flyers and Brochures	Yes, the distribution of flyers and brochures help educate the public on potential stormwater pollutants and provides the details on steps they can take to improve stormwater quality.

1	Education of Children	Yes, the development of materials for children helps educate them on potential stormwater pollutants and provides the details on steps they can take to improve stormwater quality.
1	Education of Construction Site Personnel	Yes, education of construction site personnel helps bring awareness of pollutants associated with construction activities.
1	Public Service Announcements	Yes, public service announcements help educate the public on potential stormwater pollutants and provides the details on steps they can take to improve stormwater quality.
1	SWMP Posting	Yes, making the SWMP available helps educate the public on their local stormwater management program and the associated implementation schedule.
1	Annual Report Posting	Yes, making the Annual Report available helps educate the public on the implementation status of their local stormwater management program.
1	SWMP Review	Yes, reviewing the SWMP annually helps ensure any necessary updates to the SWMP are made.
1	Public Meetings	Yes, public meetings help educate the public about their local stormwater management programs and gives them an opportunity to participate.
1	Stormwater Hotline	Yes, stormwater hotlines provide citizens with a mechanism to report illicit discharges, illegal dumping, spills, etc.
1	SWMP Public Notice	Yes, the public notice process helps educate the public about their local stormwater management programs and gives them an opportunity to participate.
1	Stormwater Quality Website	Yes, the development of a stormwater quality website helps educate the public on potential stormwater pollutants and provides them details on steps they can take to improve stormwater quality.

1	Educational Material Distribution	Yes, the distribution of stormwater quality educational materials at local community organization meetings helps educate the public on potential pollutants and provides them with details on steps they can take to improve stormwater quality.
2	MS4 Outfall Map	Yes, developing and maintaining a MS4 outfall map makes the illicit discharge detection and elimination program more effective.
2	MS4 Outfall Inspections	Yes, inspecting MS4 outfalls helps identify and eliminate illicit discharges.
2	Regulatory Mechanisms	Yes, having regulatory mechanisms/procedures in place helps encourage individuals to comply with stormwater quality regulations.
2	MS4 Field Staff Training	Yes, MS4 field staff training helps educate permittee employees on how to properly identify and eliminate stormwater pollutants.
2	IDDE Procedures	Yes, the development and implementation of IDDE procedures makes the Illicit Discharge program more effective.
2	Public Reporting	Yes, providing the public with instructions on how to properly report potential stormwater quality concerns helps identify and eliminate illicit discharges more effectively.
3	Construction Site Plan Review	Yes, reviewing construction site plans for the inclusion of appropriate structural controls helps reduce the amount of pollutants being discharged from construction sites.

3	Plan Review, Inspection, and Enforcement Procedures	Yes, developing standard operating procedures that address plan review, inspections, and enforcement actions related to permittee owned construction sites helps reduce the amount of pollutants being discharged to the MS4.
3	Construction Site Inspection/Enforcement	Yes, inspecting permittee owned construction sites for proper installation/maintenance of structural controls helps reduce the amount of pollutants being discharged to the MS4.
3	Regulatory Mechanisms	Yes, referral of stormwater quality issues to adjacent MS4 operators or the TCEQ Regional Office helps reduce the amount of pollutants being discharged from construction activities.
3	Public Reporting	Yes, providing the public with instructions on how to properly report potential stormwater quality concerns helps reduce the amount of pollutants being discharged from construction activities.
3	MS4 Staff Training	Yes, MS4 staff training helps educate permittee employees on how to properly identify and eliminate stormwater pollutants.
4	Development Project Plan Review	Yes, reviewing development plans for the inclusion of appropriate post construction controls helps reduce the amount of pollutants being discharged to the MS4.
4	Regulatory Mechanisms	Yes, referral of stormwater quality issues to adjacent MS4 operators or the TCEQ Regional Office helps reduce the amount of pollutants being discharged to the MS4.

4	Post Construction Control Inspections	Yes, inspecting permittee owned permanent structural controls helps reduce the amount of pollutants being discharged to the MS4.
4	Post Construction Procedures	Yes, developing standard operating procedures that address documentation of enforcement actions and long-term operation/maintenance of post construction stormwater control measures helps reduce the amount of pollutants being discharged to the MS4.
5	MS4 Facility Inventory	Yes, developing an inventory of permittee owned facilities within the urbanized area helps identify potential sources of stormwater pollution.
5	Employee Training Program	Yes, conducting employee training helps educate permittee employees on how to properly identify and eliminate stormwater pollutants.
5	Waste Disposal Procedures	Yes, development of standard operating procedures on the proper disposal of waste helps reduce the amount of floatables and other pollutants being discharged to the storm sewer system.
5	Contractor Oversight Procedures	Yes, the development and implementation of contractor oversight procedures helps reduce the amount of pollutants being discharged by contractors performing maintenance activities on behalf of the permittee.
5	Operation and Maintenance Activities	Yes, maintaining a general pollution prevention plan at each permittee owned facility helps ensure that appropriate BMPs are being implemented to reduce the amount of pollutants being discharged.

5	Facility Inspections	Yes, inspecting permittee owned facilities helps ensure that appropriate BMPs are being implemented to reduce the amount of pollutants being discharged.
5	Waste/Debris Collection	Yes, conducting waste/debris collection helps reduce the amount of floatables being discharged to the storm sewer system.
5	Municipal Operation Procedures	Yes, developing standard operating procedures for inspecting/maintaining structural controls at municipal facilities and for employee training helps make permittee employees more aware of pollutants of concern that could be discharged to the storm sewer system.

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 (**see Example 2 in instructions**):

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1	Flyers and Brochures	number of materials developed and/or maintained on website	40 stormwater quality brochures, 40 pet waste brochures	materials	No, while the BMP does not result in a direct reduction in pollution, public education is expected to indirectly reduce pollutants by increasing awareness about stormwater quality issues.
1	Education of Children	number of materials developed	20 stormwater coloring books	coloring books	No, while the BMP does not result in a direct reduction in pollution, public education is expected to indirectly reduce pollutants by increasing awareness about stormwater quality issues.

1	Education of Construction Site Personnel	number of educational materials or guidance documents developed and/or maintained on website	1 guidance document/ 40 stormwater quality brochures/ stormwater website	materials	No, while the BMP does not result in a direct reduction in pollution, public education is expected to indirectly reduce pollutants by increasing awareness about stormwater quality issues.
1	Public Service Announce-ments	number of different PSAs being maintained on the District's stormwater website	4 PSAs on stormwater quality website	materials	No, while the BMP does not result in a direct reduction in pollution, public education is expected to indirectly reduce pollutants by increasing awareness about stormwater quality issues.
1	SWMP Posting	stormwater quality website with SWMP posted	SWMP made available on stormwater quality website	location	No, while the BMP does not result in a direct reduction in pollution, public education is expected to indirectly reduce pollutants by increasing awareness about stormwater quality issues.
1	Stormwater Hotline	number of phone calls received regarding stormwater quality issues	0 phone calls	phone calls	Yes, receiving and responding to phone calls concerning illicit discharges allows the permittee to make appropriate corrections to the storm sewer system.
2	MS4 Outfall Inspections	percentage of outfalls inspected	approximately 20% of the total outfalls were inspected	percentage	Yes, locating and eliminating illicit discharges represents a direct reduction in pollutants.
2	Regulatory Mechanisms	number of referrals	0	referrals	Yes, implementation of local illicit discharge regulatory mechanisms represents a direct reduction in pollutants.
3	Construction Site Plan Review	number of permittee owned plans reviewed	0	plans	Yes, reviewing plans for permittee owned sites ensures that appropriate structural controls are being used to reduce pollution.

3	Construction Site Inspection/ Enforcement	number of construction site inspections	0	inspections	Yes, inspection of permittee owned construction sites ensures that appropriate controls are in place and functioning properly to reduce pollution.
3	Regulatory Mechanisms	number of referrals	0	referrals	Yes, implementation of local regulatory mechanisms represents a direct reduction in pollutants.
4	Development Project Plan Review	number of plans reviewed	0	plans	Yes, reviewing construction plans ensures that appropriate post construction controls are being used to reduce pollution.
4	Regulatory Mechanisms	number of referrals	0	referrals	Yes, implementation of local regulatory mechanisms represents a direct reduction in pollutants.
5	Waste/Debris Collection	estimated volume of waste/debris collected	7,264	cubic yards	Yes, conducting waste/debris collection reduces the amount of floatables and other stormwater pollutants.

4. Provide the measurable goals for each of the MCMs, and an evaluation of the success of the implementation of the measurable goals (**see Example 3 in instructions):**

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
1	Develop or post on the stormwater website at least 2 types of flyers/brochures per year	Goal Met; developed 40 stormwater quality brochures and 40 pet waste brochures. Additionally, all materials are maintained on the stormwater website.
1	Develop at least 1 type of educational material annually for children	Goal Met; developed 20 stormwater coloring books.

1	Make available annually on stormwater website at least 1 guidance document or brochure on construction site runoff issues	Goal Exceeded; guidance document, brochure, and stormwater quality website made available to construction site personnel.
1	Maintain at least 1 PSA on the District's stormwater website annually to educate the public about water quality	Goal Met; 4 PSAs maintianed on stormwater quality website.
1	Post a copy of the SWMP on the District's stormwater website no later than 30 days after the TCEQ approval date	Goal Met; SWMP posted on the District's stormwater website at www.txms4.com/galveston.
1	Annually post a copy of the most recent annual report on the stormwater website no later than 30 days after the due date	Goal Met; annual report for FY 2023 was posted on the stormwater website within 30 days of the due date.
1	Conduct annual review of SWMP and perform any necessary updates	Goal Met; SWMP review conducted on 5/08/2024
1	Conduct at least 1 public involvement session per permit term	Goal Met; virtual public involvement session was conducted from July 1, 2022 – July 31, 2022.
1	Develop or post on the stormwater website at least 2 types of materials/media per year that informs the public about reporting stormwater quality concerns	Goal Met; 2 types of brochures and stormwater quality website were made available.

1	Comply with TCEQ public notice requirements for the TXR040000 permit renewal process	Goal Met; TCEQ public notice requirements were met for the current permit term.
1	Maintain and make available annually a stormwater quality website	Goal Met; website updates/maintenance was conducted on 1/11/2023.
1	Maintain collection of education materials on the stormwater quality website annually for local community organizations to view	Goal Met; a collection of educational materials is kept on the stormwater quality website and available for local community organizations to view at www.txms4.com/galveston.
2	Conduct at least 1 map review per permit term	Goal Met; outfall map review was conducted on 6/13/2024.
2	Inspect 20% of the outfalls within the urbanized area annually	Goal Met; 5 outfalls out of 22 were inspected (22%).
2	Maintain standard operating procedures in effect annually	Goal Met; zero illicit discharges were identified during the reporting period, however standard operating procedures are in place for reporting/eliminating illicit discharges.
2	Conduct training for at least 80% of the MS4 field staff employees once per permit term	Goal Met; employee training was conducted for at least 80% of the MS4 field staff during the current permit term.
2	Annually conduct review of the standard operating procedures and perform any necessary updates	Goal Met; annual review of standard operating procedures was conducted on 5/08/2024.

2	Develop/maintain on the stormwater website at least 2 types of media and/or materials annually to help facilitate public reporting of stormwater quality issues	Goal Met; 2 types of brochures and stormwater quality website were made available.
3	Review 100% of permittee owned construction plans annually that will result in the disturbances of greater than or equal to one acre, or are part of a common plan of development or sale that will result in the disturbance of one or more acres for compliance with the CGP	Goal Met; the permittee did not have any applicable construction sites during the reporting period.
3	Annually conduct review of the standard operating procedures and perform any necessary updates	Goal Met; annual review of standard operating procedures was conducted on 5/08/2024.
3	Conduct compliance inspections of active permittee owned construction sites at least once per quarter	Goal Met; the permittee did not have any applicable construction sites during the reporting period.
3	Maintain standard operating procedures in effect annually	Goal Met; standard operating procedures have been developed and are currently being implemented.

3	Develop/maintain on the stormwater website at least 2 types of media and/or materials annually to help facilitate public reporting of stormwater quality issues	Goal Met; 2 types of brochures and stormwater quality website were made available.
3	Conduct training for at least 80% of the MS4 field staff employees once per permit term	Goal Met; employee training was conducted for at least 80% of the MS4 field staff during the current permit term.
4	Annually review 100% of the submitted development plans for the inclusion of post construction controls	Goal Met; zero development plans were submitted for review.
4	Maintain standard operating procedures in effect annually	Goal Met; standard operating procedures have been developed and are currently being implemented.
4	Inspect 100% of permittee owned permanent structural controls at least once per permit term	Goal Met; 100% of permittee owned structural controls were inspected during the permit term. (total of 7 structural controls)
4	Annually conduct review of the standard operating procedures and perform any necessary updates	Goal Met; annual review of standard operating procedures was conducted on 5/08/2024.
5	Annually maintain an inventory of 100% of the facilities and stormwater controls that the permittee owns and operates within the urbanized area annually	Goal Met; inventory for 100% of the MS4 facilities has been developed and is maintained annually.
5	Conduct training for at least 80% of the MS4 field staff employees once per permit term	Goal Met; employee training was conducted for at least 80% of the MS4 field staff during the current permit term.

5	Annually conduct 1 review of waste disposal standard operating procedures and perform any necessarily updates	Goal Met; annual review of standard operating procedures was conducted on 5/08/2024.
5	Annually conduct 1 review of contractor oversight standard operating procedures and perform any necessary updates	Goal Met; annual review of standard operating procedures was conducted on 5/08/2024.
5	Annually conduct 1 review of general pollution prevention plan and perform any necessary updates	Goal Met; annual review of the general pollution prevention plan was conducted on 5/08/2024.
5	Inspect 100% of the permittee owned facility identified in the MS4 facilities inventory once per permit term	Goal Met; 100% of the permittee owned facilities have been inspected during the current permit term.
5	Conduct waste/debris collection on an annual basis within the regulated area	Goal Met; approximately 7,264 cubic yards of waste/debris was removed and properly disposed of.
5	Annually conduct 1 review of the municipal operation standard operating procedures and perform any necessary updates	Goal Met; annual review of standard operating procedures was conducted on 5/08/2024.

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.?

During the reporting period, the permittee conducted multiple activities to help reduce the discharge of pollutants to the MEP, including but not limited to: outfall inspections, public education, and waste/debris collection. As a result, the permittee inspected approximately 22% of their MS4 to look for flows during dry weather and collected/properly disposed of approximately 7,264 cubic yards of waste/debris (data for all BMPs implemented during the reporting period to reduce the discharge of pollutants to the MEP is included in Section B.3 of this annual report). After review, the permittee has maintained 100% compliance with the measurable goals and implementation schedule established in their SWMP and believes that the program has been successful at reducing the discharge of pollutants to the MEP.

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.

   No impaired water bodies were added during the reporting period.

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.

   The permittee has referred to the CWA 303(d) list and existing TMDL Implementation Plans and determined that they are a potential source of bacteria being discharged to Clear Creek Tidal (stream segment no. 1101), Clear Creek Above Tidal (stream segment no. 1102), and Dickinson Bayou Above Tidal (stream segment no. 1104). Appropriate focused BMPs and corresponding measurable goals have been developed to reduce the discharge of the pollutant of concern that is contributing to the impairment of the water body. The focused BMPs include activities related to TMDL implementation plans, MS4 outfall inspections, public reporting, pet waste management, and residential education for bacterial sources.

   The Implementation plan for Clear Creek Above Tidal identifies a single discharge from a sand mining operation as being responsible for the elevated pollutant concentrations of Chlorides and Total Dissolved Solids. In addition, our research indicates that the pollutants of dioxin in edible tissue and PCBs in edible tissue are legacy pollutants and the permittee is not considered a potential source. Therefore, no additional focused BMPs were developed by the permittee to target those pollutants.

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

   The permittee is implementing the targeted BMPs and associated measurable goals as outlined in their stormwater management program. During the reporting period, approximately 22% of the identified outfalls were inspected to identify illicit discharges and public education materials were developed to bring awareness about bacteria sources such as pet waste and septic systems. All other focused BMPs related to public reporting and residential education are fully implemented. The assessment of progress towards the identified benchmarks will be conducted by the evaluation of program implementation measures.

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

Benchmark Parameter ***(Ex: Total Suspended Solids)***	**Benchmark Value**	**Description of additional sampling or other assessment activities**	**Year(s) conducted**
Stream Segment No. – 1101_01: Bacteria	8,160 counts/day Enterococci	20% of identified outfalls were inspected to identify illicit discharges	Permit Year 1 Permit Year 2 Permit Year 3 Permit Year 4 Permit Year 5 Permit Year 6
Stream Segment No. – 1101_02: Bacteria	2.37E+12 counts/day Enterococci	20% of identified outfalls were inspected to identify illicit discharges	Permit Year 1 Permit Year 2 Permit Year 3 Permit Year 4 Permit Year 5 Permit Year 6
Stream Segment No. – 1101B_01: Bacteria	7.16E+09 counts/day E. coli	20% of identified outfalls were inspected to identify illicit discharges	Permit Year 1 Permit Year 2 Permit Year 3 Permit Year 4 Permit Year 5 Permit Year 6
Stream Segment No. – 1101B_02: Bacteria	7.16E+11 counts/day Enterococci	20% of identified outfalls were inspected to identify illicit discharges	Permit Year 1 Permit Year 2 Permit Year 3 Permit Year 4 Permit Year 5 Permit Year 6
Stream Segment No. – 1102_03: Bacteria	1.91E+09 counts/day E. coli	20% of identified outfalls were inspected to identify illicit discharges	Permit Year 1 Permit Year 2 Permit Year 3 Permit Year 4 Permit Year 5 Permit Year 6
Stream Segment No. – 1102_04: Bacteria	6.95 E+08 counts/day E. coli	20% of identified outfalls were inspected to identify illicit discharges	Permit Year 1 Permit Year 2 Permit Year 3 Permit Year 4 Permit Year 5 Permit Year 6

Stream Segment No. – 1102_05: Bacteria	1.62 E+12 counts/day Enterococci	20% of identified outfalls were inspected to identify illicit discharges	Permit Year 1 Permit Year 2 Permit Year 3 Permit Year 4 Permit Year 5 Permit Year 6
Stream Segment No. – 1102A_01: Bacteria	2.39 E+10 counts/day E. coli	20% of identified outfalls were inspected to identify illicit discharges	Permit Year 1 Permit Year 2 Permit Year 3 Permit Year 4 Permit Year 5 Permit Year 6
Stream Segment No. – 1102A_02: Bacteria	1.52 E+11 counts/day Enterococci	20% of identified outfalls were inspected to identify illicit discharges	Permit Year 1 Permit Year 2 Permit Year 3 Permit Year 4 Permit Year 5 Permit Year 6
Stream Segment No. – 1102B_01: Bacteria	1.26 E+11 counts/day E. coli	20% of identified outfalls were inspected to identify illicit discharges	Permit Year 1 Permit Year 2 Permit Year 3 Permit Year 4 Permit Year 5 Permit Year 6
Stream Segment No. – 1102D_01: Bacteria	8.19 E+09 counts/day Fecal Coliform	20% of identified outfalls were inspected to identify illicit discharges	Permit Year 1 Permit Year 2 Permit Year 3 Permit Year 4 Permit Year 5 Permit Year 6
Stream Segment No. – 1102E_01: Bacteria	9.13 E+10 counts/day Fecal Coliform	20% of identified outfalls were inspected to identify illicit discharges	Permit Year 1 Permit Year 2 Permit Year 3 Permit Year 4 Permit Year 5 Permit Year 6
Stream Segment No. – 1102F_01: Bacteria	29.86 MPN/day E.coli	20% of identified outfalls were inspected to identify illicit discharges	Permit Year 1 Permit Year 2 Permit Year 3 Permit Year 4 Permit Year 5 Permit Year 6

Stream Segment No. – 1104_02: Bacteria	2.21E+09 MPN/day E. coli	20% of identified outfalls were inspected to identify illicit discharges	Permit Year 1 Permit Year 2 Permit Year 3 Permit Year 4 Permit Year 5 Permit Year 6

The permittee assesses progress in achieving benchmarks and determining the effectiveness of BMPs by evaluating program implementation measures. The following indicators are utilized to assess progress towards the benchmark(s): the number of illicit discharge sources identified or eliminated, number of public education materials developed, and results of outfall inspection activities. As a result of implementing the focused BMPs, the permittee has inspected approximately 22% of their outfalls during year 6 of the current permit term and made multiple forms of public education materials available that address bacteria sources. After review, the permittee maintained 100% compliance with the measurable goals and implementation schedule established in their SWMP and believes the continued implementation of these focused BMPs will continue to make progress towards the desired benchmark values.

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	TMDL I-Plans	Compliance with existing TMDL I-Plans will reduce the amount of illicit discharges
Bacteria	Public Reporting	Development of public education materials which raise awareness of stormwater quality and encourage public reporting will increase the effectiveness of the program
Bacteria	Outfall Inspections	Conducting outfall inspections will enable the permittee to identify and eliminate illicit discharges
Bacteria	Pet Waste Management	Promoting proper pet waste management through the development of educational materials will raise awareness on the impacts pet waste has on water quality
Bacteria	Residential Education	Development of public education materials which raise awareness of stormwater quality and encourage public reporting will increase the effectiveness of the program

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

Description of bacteria-focused BMP	Comments/Discussion
Outfall Inspections: Utilize reports from MS4 field staff, citizens, and annual outfall inspections to identify illicit discharges and illegal dumping sites.	22% of identified outfalls inspected during reporting period.
Public Reporting: Develop educational materials and website content focused on the identification and public reporting of sanitary sewer overflows, failing on-site sewer systems, illicit discharges, and illegal dumping.	2 brochures and a stormwater quality website that help facilitate public reporting of the pollutant(s) of concern were developed and made available.
Pet Waste Management: Develop media to facilitate and promote proper pet waste management practices. Educational material options include flyers, brochures, and/or websites.	Brochure promoting proper pet waste management was developed and made available.
Residential Education: Develop media to facilitate public education for bacterial sources including residential sources, pet waste, proper disposal of fats, oils and greases, and decorative ponds. Educational material options include brochures, flyers, and/or websites.	2 brochures, 1 flyer, and a stormwater quality website were developed and made available.
TMDL I-Plans: Comply with existing implementation plans for discharges to impaired water bodies for which there is a TCEQ and EPA approved TMDL.	TMDL compliance evaluation was conducted on 5/08/2024.

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

Benchmark Indicator	Description/Comments
Number of sources identified or eliminated	Outfall inspections were conducted on approximately 22% of the identified outfalls; there were 0 illicit discharges identified during the reporting period.
Number of education materials developed	2 types of brochures, 1 flyer, and a stormwater quality website that address bacteria sources were developed and made available

The permittee assesses progress in achieving benchmarks and determining the effectiveness of BMPs by evaluating program implementation measures. The following indicators are utilized to assess progress towards the benchmark(s): the number of illicit discharge sources identified or eliminated, number of public education materials developed, and results of outfall inspection activities. After review, the permittee maintained 100% compliance with the measurable goals and implementation schedule established in their SWMP and believes the continued implementation of these focused BMPs will continue to make progress towards the desired benchmark value.

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	Stormwater Activity	Description/Comments
1	Flyers and Brochures	Develop or maintian on the stormwater website at least 2 types of flyers/brochures per year	Development of flyers and brochures for the purpose of educating the public on stormwater impacts and ways they can minimize stormwater pollution.
1	Education of Children	Develop at least 1 type of educational material annually for children	Development of educational materials for school age children in order to foster a respect for water quality at an early age.
1	Education of Construction Site Personnel	Make available annually on stormwater website at least 1 guidance document or brochure on construction site runoff issues	Development of guidance materials for construction site personnel on the proper installation and maintenance of erosion and sediment controls.
1	Public Service Announcements	Maintain at least 1 PSA on the District's stormwater website annually to educate the public about water quality	Utilize PSAs on the District's stormwater website to educate the public on the impacts of stormwater pollution and steps they can take to improve water quality.
1	SWMP Posting	Post a copy of the SWMP on the District's stormwater website no later than 30 days after the TCEQ approval date	Post a copy of the SWMP on the District's stormwater quality website for the public to review.

1	Annual Report Posting	Annually post a copy of the most recent annual report on the stormwater website no later than 30 days after the due date	Post a copy of each year's annual report on the District's stormwater quality website for the public to review.
1	SWMP Review	Conduct annual review of SWMP and perform any necessary updates	Conduct an annual review of the District's stormwater management program and perform any necessary updates.
1	Stormwater Hotline	Develop or maintain on the stormwater website at least 2 types of materials/media per year that informs the public about reporting stormwater quality concerns	Advertise appropriate phone numbers for citizens to participate in the implementation of control measures by reporting illicit discharges, illegal dumping, spills, and construction site discharge issues.
1	SWMP Public Notice	Comply with TCEQ public notice requirements for the TXR040000 permit renewal process	The District will adhere to all state and local public notice requirements during the TXR040000 permit renewal process.
1	Stormwater Quality Website	Maintain and make available annually a stormwater quality website	Develop and maintain a stormwater quality website to ensure that the public can easily find information about the SWMP and inform citizens about steps they can take to improve water quality.
1	Educational Material Distribution	Maintain collection of education materials on the stormwater quality website annually for local community organizations to view	Provide local community organizations with the opportunity to assist in the distribution of stormwater quality educational materials by providing them with materials for distribution at their meetings, when requested. All educational materials will be included on the stormwater quality website for viewing by the public.

2	MS4 Outfall Inspections	Inspect 20% of the outfalls within the urbanized area annually	Conduct inspections of all outfalls in the urbanized area (once per permit term) in order to identify and reduce the presence of illicit discharges to the MS4.
2	Regulatory Mechanisms	Maintain standard operating procedures in effect annually	The District is a non-traditional MS4 and lacks the legal authority necessary to develop ordinances to implement enforcement actions against third parties who violate the permit requirements established in TPDES General Permit TXR040000. In lieu of an ordinance, the District has developed standard operating procedures for addressing illicit discharges.
2	IDDE Procedures	Annually conduct 1 review of the standard operating procedures and perform any necessary updates	Maintain procedures and all associated records for tracing/removing the source of an illicit discharge, responding to illicit discharges/spills, inspections in response to complaints, and to prevent/correct leaking on-site sewage disposal systems.
2	Public Reporting	Develop/maintain on the stormwater website at least 2 types of media and/or materials annually to help facilitate public reporting of stormwater quality issues	Develop media to facilitate public reporting of illicit discharges. Options include stormwater hotlines, websites, and flyers/brochures.

3	Construction Site Plan Review	Review 100% of permittee owned construction plans annually that will result in the disturbances of greater than or equal to one acre, or are part of a common plan of development or sale that will result in the disturbance of one or more acres for compliance with the CGP	Implement a construction site plan review program that focuses on ensuring that permittee owned construction sites that result in a land disturbance of greater than or equal to one acre or are part of a larger common plan of development or sale that would disturb one acre or more of land, have stormwater pollution prevention plans developed in accordance with TPDES Construction General Permit TXR150000.
3	Plan Review, Inspection, and Enforcement Procedures	Annually conduct 1 review of the standard operating procedures and perform any necessary updates	Maintain and implement site plan review, inspection, and enforcement procedures for permittee owned projects that describe which plans will be reviewed, when operators may begin construction, soil stabilization requirements, and how inspection/enforcement actions will be conducted.
3	Construction Site Inspection/Enforcement	Conduct compliance inspections of active permittee owned construction sites at least once per quarter	Conduct inspections of applicable permittee owned construction sites and associated control measures in compliance with the Construction General Permit.

3	Regulatory Mechanisms	Maintain standard operating procedures in effect annually	The District is a non-traditional MS4 and lacks the legal authority necessary to develop ordinances to conduct inspections or implement enforcement actions against third parties who violate the permit requirements established in TPDES General Permit TXR040000. In lieu of an ordinance, the District has developed standard operating procedures for addressing discharges from third party construction sites.
3	Public Reporting	Develop/maintain on the stormwater website at least 2 types of media and/or materials annually to help facilitate public reporting of stormwater quality issues	Maintain and implement procedures for receipt and consideration of information submitted by the public regarding construction site stormwater runoff.
4	Development Project Plan Review	Annually review 100% of the submitted development plans for the inclusion of post construction controls	Review development plans to ensure compliance with local post construction runoff guidelines and inclusion of appropriate permanent stormwater quality controls.
4	Regulatory Mechanisms	Maintain standard operating procedures in effect annually	The District is a non-traditional MS4 and lacks the legal authority necessary to develop ordinances to conduct inspections or implement enforcement actions against third parties who violate the permit requirements established in TPDES General Permit TXR040000. In lieu of an ordinance, the District has developed standard operating procedures for addressing post construction stormwater management issues from third party sites.

4	Post Construction Procedures	Annually conduct 1 review of the standard operating procedures and perform any necessary updates	Develop and maintain standard operating procedures to document records of enforcement actions and procedures for ensuring long-term operation/maintenance of post construction stormwater control measures.
5	MS4 Facility Inventory	Annually maintain an inventory of 100% of the facilities and stormwater controls that each permittee owns and operates within the urbanized area	Maintain an inventory of applicable facilities and stormwater controls pursuant to the requirements established in Part III, Section B.5(b)(1) of TPDES General Permit TXR040000, that each permittee owns and operates within the urbanized area.
5	Waste Disposal Procedures	Annually conduct 1 review of the standard operating procedures and perform any necessary updates	Maintain standard operating procedures for the appropriate disposal of waste materials from maintenance activities such as floatable collections, dredge spoils, and/or accumulated sediments.
5	Contractor Oversight Procedures	Annually conduct 1 review of the standard operating procedures and perform any necessary updates	Maintain procedures that contractually require contractors hired by the permittee to perform maintenance activities on permittee-owned facilities to comply with all stormwater control measures, good housekeeping practices, and facility specific stormwater management operating procedures.
5	Operation and Maintenance Activities	Annually conduct 1 review of the general pollution prevention plan and perform any necessary updates	Maintain and implement general pollution prevention plans that identify potential pollutants of concern and address stormwater discharges from permittee operation and maintenance activities, including road and parking lot maintenance, bridge maintenance, cold weather operations, and right-of-way maintenance.

5	Waste/Debris Collection	Conduct waste/debris collection on an annual basis within the regulated area	Conduct waste/debris collection to reduce floatable material discharges to the MS4.
5	Municipal Operation Procedures	Annually conduct 1 review of the standard operating procedures and perform any necessary updates	Maintain standard operating procedures for inspecting/maintaining structural controls at municipal facilities and for conducting employee training for staff members involved in implementing pollution prevention/good housekeeping practices.

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: **N/A**

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. **N/A**

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). **N/A**

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

___ Yes __**X**__ No

2.b. If "yes," is this a system-wide annual report including information for all permittees? **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	
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.*

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): Joseph Anderson Title: Operations Manager

Signature: Joseph Anderson Date: 12/5/24

Name of MS4: **Galveston County Consolidated Drainage District**