



Engineering Department
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League City, TX 77573

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January 28, 2022

Texas Commission on Environmental Quality
Stormwater Team Leader (MC-148)
P.O. Box 13087
Austin, Texas 78711-3087

Re: Phase II MS4 Annual Report Transmittal for City of League City
TPDES Authorization: City of League City TXR040249; G.C.M.U.D No 43 TXR040552;
G.C.M.U.D. No 44 TXR040553; G.C.M.U.D No 45 TXR040554; G.C.M.U.D No 46 TXR040555.

Dear Team Leader:

This letter serves to transmit the required annual report for the Texas Pollutant Discharge Elimination System Small Municipal Separate Storm Sewer System General Permit, Authorization Number TXR040559 for the City of League City, TXR040552 for G.C.M.U.D. No 43, TXR040553 for G.C.M.U.D. No 44, TXR040554 for G.C.M.U.D. No 45, TXR040555 for G.C.M.U.D. No 46.

The annual report is for Year 3. The reporting period's beginning 01/01/2021 and ending 12/31/2021.

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 the report has been mailed to the TCEQ's regional office 12 in Houston Texas.

Sincerely,

Sonia I. Phillips, PE, CFM, PMP
Floodplain Administrator/Drainage Engineer

cc: Christopher Sims, Director of Engineering
Alex Noel, Floodplain/Stormwater Coordinator

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040249

Reporting Year: 3

Annual Reporting Year Option Selected by MS4:

Calendar Year: 2021

Permit Year: N/A

Fiscal Year: N/A Last day of fiscal year: N/A

Reporting period beginning date: 01/01/2021

Reporting period end date: 12/31/2021

MS4 Operator Level: Phase II Level 3; Name of MS4: City of League City

Contact Name: Sonia I. Phillips, P.E. CFM; Telephone Number: 281-554-1498

Mailing Address: 500 W Walker St, League City, TX 77573

E-mail Address: sonia.phillips@leaguecitytx.gov

A copy of the annual report was submitted to the TCEQ Region: YES

Region the annual report was submitted to: TCEQ Region YES

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		We are not aware of any violations
Permittee is currently in compliance with recordkeeping and reporting requirements.	Yes		We are not aware of any violations
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	Yes		We are not aware of any violations
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	Yes		We have conducted a review of the SWMP in conjunction with the preparation of the annual report and found no changes that needed to be made at his time.

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

MCM1 PUBLIC EDUCATION, OUTREACH & INVOLVEMENT		
MCM(s)	BMP	Yes or No - Explain
MCM 1	BMP No 1: Stormwater Educational Outreach.	Yes. Education is fundamental to understanding the types and impacts of pollutants and the public/private partnership toward
	BMP No 2: Education and Outreach for Commercial Activities.	Yes. Education is fundamental to understanding the types and impacts of pollutants and the public/private partnership toward prevention.
	BMP No 3: Municipal Cable Television Channel (LCTV16).	Yes. Local information broadcast increase community awareness of pollution concerns, prevention, and abatement.
	BMP No 4: Website Hosting.	Yes. A website search link provides local community access to informational documents related to pollution prevention and abatement.
	BMP No 5: Social Media Outreach.	Yes. Social Media broadcast s provide information on opportunities for local community participation in pollution abatement activities.
	BMP No 6: Storm Drain Marking.	Yes. The information on the markers increases public awareness of adverse impact of illicit dumping.
	BMP No 7: Community Contact.	Yes. Local community contact increases awareness and participation of storm water pollution prevention.
	BMP No 8: Grease Trap Program.	Yes. A properly managed program fat, oil, and grease (FOG) influences behavior to reduce and mitigate illicit discharges.
	BMP No 9: Lawn and Garden Activities.	Yes. Informing the community influences behavior to reduce and mitigate illicit discharges.
	BMP No 10: Recycling Program.	Yes. A properly managed recycling program significantly reduces potential illicit discharges.
	BMP No 11: Pet Waste Control.	Yes. Informing pet owners of the adverse effects of pet waste and available management devices influences behavior to reduce illicit discharges of bacteria.
	BMP No 12: Watershed BMP Networking.	Yes. Watershed networking provides information as to what BMPs have proven successful or not.

MCM2 ILLICIT DISCHARGE DETENTION AND ELEMINATION		
MCM(s)	BMP	Yes or No - Explain
MCM2	BMP No 1: Storm Sewer Mapping.	Yes. Proper training allows faster identification, tracking, containment, and mitigation of illicit discharges.
	BMP No 2: Field Staff Training.	Yes. Proper training allows faster identification, tracking, containment, and mitigation of illicit discharges.
	BMP No 3: Public Reporting of Illicit Discharges and Spills.	Yes. Public reporting allows faster identification, tracking, containment, and mitigation of illicit discharges.
	BMP No 4: On-Site Sewage Facilities (OSSF).	Yes. Public education and reporting are essential to effective prevention and faster mitigation of illicit discharges.
	BMP No 5: Illicit Discharge Ordinance.	Yes. A comprehensive, understandable, and enforceable ordinance is essential to effective prevention and faster mitigation of illicit discharges.
	BMP No 6: Illicit Discharge Detection and Elimination Program.	Yes. A properly managed training program is essential for effective prevention and faster mitigation of illicit discharges.

MCM3 CONSTRUCTION SITE STORM WATER RUNOFF CONTROLS		
MCM(s)	BMP	Yes or No - Explain
MCM3	BMP No 1: Construction Site Stormwater Runoff Control and Waste Control Ordinances.	Yes. A comprehensive, understandable, and enforceable ordinance is essential for effective prevention and faster mitigation of illicit discharges.
	BMP No 2: Site Plan Review Process.	Yes. A comprehensive site plan review process is essential for effective prevention and faster mitigation of illicit discharges.
	BMP No 3: Construction Site Inspection Program.	Yes. A comprehensive and enforceable site inspection program is essential for effective prevention and mitigation of illicit discharges.
	BMP No 4: Construction Site Inventory.	Yes. A construction site inventory tracking program is essential management tool for effective prevention and mitigation of illicit discharges.
	BMP No 5: Information Submitted by the Public.	Yes. Public information provides faster responses and mitigation of illicit discharges.
	BMP No 6: Staff Training	Yes. A properly managed training program is essential for effective prevention and faster mitigation of illicit discharges.

MCM4 POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

MCM(s)	BMP	Yes or No - Explain
MCM4	BMP No 1: Post-Construction Ordinance.	Yes. A comprehensive, understandable, and enforceable ordinance is essential for better prevention and faster mitigation of illicit
	BMP No 2: Post-Construction Site Inspection.	Yes. A comprehensive and enforceable site inspection program is essential for better prevention and faster mitigation of illicit discharges.
	BMP No 3: Post-Construction Development Review Procedures	Yes. A comprehensive site plan review process provides for better prevention and faster mitigation of illicit discharges.
	BMP No 4: Long Term Operation and Maintenance Program	Yes. A comprehensive and enforceable operation and maintenance plan is essential for better prevention and faster of illicit discharges.

MCM5 POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

MCM(s)	BMP	Yes or No - Explain
MCM5	BMP No 1: Inventory of Permittee Owned facilities and Controls.	Yes. A comprehensive inventory tracking program provides better prevention and faster mitigation of illicit discharges.
	BMP No 2: Training Program for Municipal Employees.	Yes. A properly managed training program provides better prevention and faster mitigation of illicit discharges.
	BMP No 3: Waste Storage and Disposal Programs.	Yes. A properly managed waste storage and disposal program provides better prevention and faster mitigation of illicit
	BMP No 4: Contractor Requirements and Oversight.	Yes. A properly managed Construction Site Program provides better prevention and faster mitigation of illicit discharges.
	BMP No 5: Operations and Maintenance Program.	Yes. A properly managed Operations and Maintenance Program provides better prevention and faster mitigation of illicit discharges.
	BMP No 6: Structural Control Maintenance.	Yes. A properly managed Structural Control Maintenance provides better prevention and faster mitigation of illicit discharges.
	BMP No 7: Operations & Maintenance Program to Reduce Discharges of Pollutants from Roads	Yes. A properly managed Operations and Maintenance Program provides better prevention and faster mitigation of illicit discharges.
	BMP No 8: Mapping facilities.	Yes. A properly managed mapping system provides better prevention and faster mitigation of illicit discharge.
	BMP No 9: Municipal Operations and Facility. Survey.	Yes. A properly managed facility inventory provides better prevention and faster mitigation of illicit discharge.

MCM5 POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS		
MCM5	BMP	Yes or No - Explain
	BMP No 10: Facility Inspection Program.	Yes. A properly managed inspection program provides better prevention and faster mitigation of illicit discharge.
	BMP No 11: Mowing/Maintenance of District-Owned Ponds.	Yes. A properly managed Operation and Maintenance program provides better prevention and faster mitigation of illicit discharge.

3. Describe progress towards achieving the goal of reducing the discharge of pollutants to the MEP. If no progress was made or the BMP did not result in a reduction in pollutants, provide an explanation. Use the table below to meet this requirement.

MCM	BMP	Information Used	Qty	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Yes or No and explain)
MCM1 PUBLIC EDUCATION OUTREACH & INVOLVEMENT					
MCM 1	1	Pamphlets distribution	1	Program	No. Benefits are indirect
	2	Education/Outreach for Commercial Activities	1	Program	No. Benefits are indirect
	3	Municipal Cable Television Channel (LCTV 16)	2	Programs (airtime)	No. Benefits are indirect
	4	Website Hosting	1	Programs (website)	No. Benefits are indirect
	5	Social Media	3	Type (FB, Twitter)	No. Benefits are indirect
	6	Storm Drain Marking	2	Program	No. Benefits are indirect
	7	Community Contact	1	Program	No. Benefits are indirect
	8	Grease Tap	1	Program	Yes. Benefits are direct
	9	Lawn & Garden	1	Program	No. Benefits are indirect
	10	Recycling	1	Program	No. Benefits are indirect
	11	Pet Waste	1	Program	No. Benefits are indirect
	12	Watershed BMP Networking	1	Committee	No. Benefits are indirect

MCM	BMP	Information Used	Qty	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Yes or No and explain)
MCM2 ILLICIT DISCHARGE DETECTION & ELIMINATION					
MCM 2	1	Storm Sewer Mapping	1	DEPT BMP	No. Provides for better prevention and faster mitigation.
	2	Field Staff Training	13	DEPT BMP	No. Provides for better prevention and faster mitigation.
	3	Public Report of Illicit Discharges and Spills.	1	DEPT BMP	No. Benefits are indirect.
	4	On-site Sewage Facilities (OSSF)	1	DEPT BMP	Yes. Provides for better prevention and faster mitigation.
	5	Illicit Discharges Ordinances.	1	DEPT BMP	No. Benefits are indirect.
	6	Illicit Discharges Detection and Elimination Program	13	DEPT BMP	Yes. Provides for better prevention and faster mitigation.

MCM	BMP	Information Used	Qty	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Yes or No and explain)
MCM3 CONSRUCTION SITE STORMWATER RUNOFF CONTROLS					
MCM 3	1	Construction Site Stormwater Runoff Control and Waste Control Ordinance.	1	DEPT BMP	Yes. Provides for a better prevention and faster mitigation.
	2	Site and Plan Review Process.	2	DEPT BMP	Yes. Provides for a better prevention and faster mitigation.
	3	Construction Site Inspection Program	4	DEPT BMP	Yes. Provides for a better prevention and faster mitigation.
	4	Construction Site inventory	1	DEPT BMP	Yes. Provides physical review for better prevention and faster mitigation.
	5	Information Submitted by Public	1	DEPT BMP.	Yes. Provides physical review for better prevention and faster mitigation.
	6	Staff Training	4	DEPT BMP	Yes. Provides for a better prevention and faster mitigation.

MCM	BMP	Information Used	Qty	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Yes or No and explain)
MCM4 POST-CONSRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT					
MCM 4	1	Post-Construction Ordinance.	1	DEPT BMP	No. Provides for better prevention and faster mitigation.
	2	Post-Construction Site Inspection.	1	DEPT BMP	Yes. Provides for better prevention and faster mitigation during construction and the post inspection for maintenance.
	3	Post-Construction Development Review Procedures	2	DEPT BMP	No. Provides plan review for better prevention and faster mitigation.
	4	Long-Term Operation and Maintenance Program	2	DEPT BMP	Yes. Provides for better prevention and faster mitigation.

MCM	BMP	Information Used	Qty	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Yes or No and explain)
MCM5 POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS					
MCM 5	1	Inventory of Permittee Owned Facilities and Controls	1	DEPT BMP	Yes. Provides for better prevention and faster mitigation
	2	Training Program for Municipal Employees	40	DEPT BMP	No. Provides for better prevention and faster mitigation
	3	Waste Storage and Disposal Programs	40	DEPT BMP	Yes. Provides for better prevention and faster mitigation
	4	Contractor Requirements and Oversight	5	DEPT BMP	Yes. Provides for better prevention and faster mitigation
	5	Operations and Maintenance Program	40	DEPT BMP	Yes. Provides for better prevention and faster mitigation
	6	Structural Control Maintenance	2	DEPT BMP	Yes. Provides for better prevention and faster mitigation
	7	Operations & Maintenance Programs to reduce Discharge of Pollutants from Roads	2	DEPT BMP	Yes. Provides for better prevention and faster mitigation
	8	Mapping Facilities	1	DEPT BMP	No. Provides for better prevention and faster mitigation
	9	Municipal Operations and Facility Survey	1	DEPT BMP	No. Provides for better prevention and faster mitigation
	10	Facility Inspection Program	1	DEPT BMP	Yes. Provides for better prevention and faster mitigation
	11	Mowing & Maintenance of District-Owned Ponds	4	DEPT BMP	Yes. Provides for better prevention and faster mitigation

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 accomplished, please explain.
MCM1 PUBLIC EDUCATION OUTREACH & INVOLVEMENT		
MCM1/BMP1	Pamphlets distribution	Achieved. Five TPDES related pamphlets are maintained in four City facilities locations. The City participates in the Harris County Flood Control Regional TPDES Outreach Program.
MCM1/BMP2	Education/Outreach for Commercial Activities	Achieved. Public works provided TPDES pre-treatment information during plan reviews. The City participates in the Harris County Flood Control Regional TPDES Outreach program
MCM1/BMP3	Municipal Cable Television Channel (LCTV 16)	Achieved. Public works provided TPDES pre-treatment information during plan reviews. The City participates in the Harris County Flood Control Regional TPDES Outreach program
MCM1/BMP4	Website Hosting	Achieved. Communications office provide web search capability from City's website
MCM1/BMP5	Social Media	Achieved. Communications office provide notices via Facebook, website, Twitter, etc. of TPDES related meeting.
MCM1/BMP6	Storm Drain Marking	Achieved. TPDES Inlet Markers are installed on all new and repaired inlets.
MCM1/BMP7	Community Contact	
MCM1/BMP8	Grease Tap	Achieved. Public works promotes FOG BMPs during plan reviews and administers a FOG management program.
MCM1/BMP9	Lawn & Garden	Achieved. Park promotes TPDES BMPs in City hosted Public Outreach program
MCM1/BMP10	Recycling	Achieved. Solid Waste management Contractor promotes TPDES BMPs in City recycling program.
MCM1/BMP11	Pet Waste Control	Achieved. Parks along with Animal control promotes TPDES BMPs at City hosted Public outreach programs.
MCM1/BMP12	Watershed BMP Networking	Achieved. Engineering, Public Works and Planning promotes TPDES BMPs in workgroup meeting.

MCMs	Measurable Goals	Explain progress toward goal or how goal was achieved. If goal was accomplished, please explain.
MCM2 ILLICIT DISCHARGE DETECTION & ELIMINATION		
MCM2/BMP1	Storm Sewer Mapping	Achieved. GIS populate shape file with new outfalls, pipes, manholes, detention ponds etc.
MCM2/BMP2	Field Staff Training	Achieved. All Departments provide SOP/TDPES BMP training to new and existing staff.
MCM2/BMP3	Public Report of Illicit Discharges	Achieved. Communications Office receives, and Staff resolves Public reports in a timely manner.
MCM2/BMP4	On-site Sewage Facilities	Achieved. Public Works administered two County Service Contractors.
MCM2/BMP5	Illicit discharges	Achieved. Engineering manages ordinance revision as needed.
MCM2/BMP6	Illicit Discharges detection and Elimination Program	Achieved. Public Works participates in an SSOI program for reduction of illicit discharges.

MCMs	Measurable Goals	Explain progress toward goal or how goal was achieved. If goal was accomplished, please explain.
MCM3 CONSRUCTION SITE STORMWATER RUNOFF CONTROLS		
MCM3/BMP1	Construction Site Stormwater Runoff and Waste Control Ordinances.	Achieved. Engineering manages ordinance revision as needed.
MCM3/BMP2	Site Plan Review Process	Achieved. Engineering manages TPDES requirements in site review.
MCM3/BMP3	Construction Site Inspection Program	Achieved. Project Management, Building and Engineering manages respective construction inspection programs.
MCM3/BMP4	Construction Site Inventory	Achieved. Building and Engineering manages respective databases.
MCM3/BMP5	Information Submitted by Public	Achieved. Communication Office receives, and tracks reports and responds to the public.
MCM3/BMP6	Staff Training	Achieved. Engineering manages ordinance revision as needed.

MCMs	Measurable Goals	Explain progress toward goal or how goal was achieved. If goal was accomplished, please explain.
MCM4 POST-CONSRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT		
MCM4/BMP1	Post-Construction Ordinance.	Achieved. Engineering manages ordinance revision as needed.
MCM4/BMP2	Post-Construction Site Inspection Program	Achieved. Engineering manages the tracking and inspection program.
MCM4/BMP3	Post-Construction Development Review Procedure.	Achieved. Engineering manages procedure revisions as needed.
MCM4/BMP4	Long Term Operation and Maintenance Program	Achieved. All Departments manages their respective SOP Operations & Management programs.

MCMs	Measurable Goals	Explain progress toward goal or how goal was achieved. If goal was accomplished, please explain.
MCM5 POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS		
MCM5/BMP1	Inventory of Permittee Owned Facilities and Controls	Achieved. Engineering manages the tracking database.
MCM5/BMP2	Training Program for Municipal Employees	Achieved. All Departments manages their respective SOP/TPDES Staff training.
MCM5/BMP3	Waste Storage and Disposal Programs	Achieved. All Departments manages their respective SOP/TPDES Staff programs.
MCM5/BMP4	Contractor Requirements and Oversight	Achieved. All Departments provides contractor oversight on respective contracts.
MCM5/BMP5	Operations and Maintenance Program	Achieved. All Departments manages their respective SOP/TPDES O&M programs.
MCM5/BMP6	Structural Control Maintenance	Achieved. Drainage performed structural control O&M and reconstructed 3 failed outfall structures.
MCM5/BMP7	Operations & Maintenance Programs to reduce Discharge of Pollutants from Roads	Achieved. Public works-Street swept 2288 miles of street and removed 225 tons of materials.
MCM5/BMP8	Mapping Facilities	Achieved. GIS populates shape files by adding new and revised sites annually.
MCM5/BMP9	Municipal Operations and Facility Survey	Achieved. Inventory maintained.
MCM5/BMP10	Facility Inspection Program	Achieved. All departments inspect assigned facilities.
MCM5/BMP11	Mowing & Maintenance of District-Owned Ponds	Achieved. Mowing and maintenance programs are in place and managed successfully.

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.?

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.

Clear Creek Tidal Unit 1101, Bacteria, dioxin, and PCB

Clear Creek Tidal Unit 1102, Bacteria, dioxin, and PCB

Jarbo Bayou Unit 2425A, Bacteria

Robinson Bayou Unit 1101D, Bacteria

Dickinson Bayou Tidal Unit 1103, Bacteria, DO, dioxin, and PCB

Dickinson Bayou above Tidal Unit 1104, Bacteria, DO, dioxin and PCB

2. If applicable, explain below any activities taken to address the discharge to impaired waterbodies, including any sampling results and a summary of the small MS4's BMPs used to address the pollutant of concern.

N/A

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

In 2015, the City partnered with H-GAC's Bacteria Implementation Group (BIG) and continue to sample the streams within our city limits

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
CLEAR CREEK			
1101A ENT	>35cts/100ml & or 89cts/100ml 25% time	None by City worked with H-GAC's BIG. Added GCHD sampling in Oct 2015	1970 and 2005
1101B ENT	>35cts/100ml & or 89cts/100ml 25% time	None by City worked with H-GAC's BIG. Added GCHD sampling in Oct 2015	1970 and 2005
1101B EC	>126cts/100ml & or 394cts/100ml 25% time	None by City worked with H-GAC's BIG. Added GCHD sampling in Oct 2015	1970 and 2005
1101D ENT	>35cts/100ml & or 89cts/100ml 25% time	None by City worked with H-GAC's BIG. Added GCHD sampling in Oct 2015	1970 and 2005
1102 EC	>126cts/100ml & or 394cts/100ml 25% time	None by City worked with H-GAC's BIG. Added GCHD sampling in Oct 2015	1970 and 2005
1102A EC	>126cts/100ml & or 394cts/100ml 25% time	None by City worked with H-GAC's BIG. Added GCHD sampling in Oct 2015	1970 and 2005
1102A ENT	>35cts/100ml & or 89cts/100ml 25% time	None by City worked with H-GAC's BIG. Added GCHD sampling in Oct 2015	1970 and 2005
1102B EC	>126cts/100ml & or 394cts/100ml 25% time	None by City worked with H-GAC's BIG. Added GCHD sampling in Oct 2015	1970 and 2005
1102C EC	>126cts/100ml & or 394cts/100ml 25% time	None by City worked with H-GAC's BIG. Added GCHD sampling in Oct 2015	1970 and 2005
1102D EC	>200Cts/100ml & or 400cts/100ml 25% time	None by City worked with H-GAC's BIG. Added GCHD sampling in Oct 2015	1970 and 2005
1102E EC	>200cts/100ml & or 400cts/100ml 25% time	None by City worked with H-GAC's BIG. Added GCHD sampling in Oct 2015	1970 and 2005

Benchmark Parameter	Benchmark Value	Description of additional sampling or other assessment activities	Year(s) conducted
Robinson Bayou			
1101D 01 ENT	>35cts/100ml & or 89cts/100ml 25% time	None by City worked with H-GAC's BIG. Added GCHD sampling in Oct 2015	1970 and 2005
1101D 02 ENT	>35cts/100ml & or 89cts/100ml 25% time	None by City worked with H-GAC's BIG. Added GCHD sampling in Oct 2015	1970 and 2005
2425A ENT	>35cts/100ml & or 89cts/100ml 25% time	None by City worked with H-GAC's BIG. Added GCHD sampling in Oct 2015	1970 and 2005

Benchmark Parameter	Benchmark Value	Description of additional sampling or other assessment activities	Year(s) conducted
Dickinson Bayou			
1103 ENT	>35cts/100ml & or 89cts/100ml 25% time	None by City worked with Dickinson Bayou Watershed Partnership and Texas A&M AgriLIFE extension. Added GCHD sampling in Oct 2015.	2006 and 2008
1104 01 EC	>126cts/100ml & or 394cts/100ml 25% time	None by City worked with Dickinson Bayou Watershed Partnership and Texas A&M AgriLIFE extension. Added GCHD sampling in Oct 2015.	2006 and 2008
1104-01 CBOD	>4.0mg/L for 24 hr. avg DO concentration and a 3.0mg/L for 24 hr. absolute minimum DO concentration	None by City worked with Dickinson Bayou Watershed Partnership and Texas A&M AgriLIFE extension. Added GCHD sampling in Oct 2015.	2006 and 2008
1104-02 EC	>126cts/100ml & or 394cts/100ml 25% time	None by City worked with Dickinson Bayou Watershed Partnership and Texas A&M AgriLIFE extension. Added GCHD sampling in Oct 2015.	2006 and 2008
1104-01 CBOD	>4.0mg/L for 24 hr. avg DO concentration and a 3.0mg/L for 24 hr. absolute minimum DO concentration	None by City worked with Dickinson Bayou Watershed Partnership and Texas A&M AgriLIFE extension. Added GCHD sampling in Oct 2015.	2006 and 2008

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 and DO reduction	MCM1 BMPs 1 thru 14	Outreach informs the Public of the impairment and provides tools for their participation in reduction
Bacteria and DO reduction	MCM1 BMPs 1 thru 14	Knowing the physical properties of the collection system and performing detection/reporting provides operators tools for more efficient reduction
Bacteria and DO reduction	MCM1 BMPs 1 thru 14	Maintaining Post-Construction BMPs reduces the unintended consequences from failures.
Bacteria and DO reduction	MCM1 BMPs 1 thru 14	Maintaining City facilities reduces the unintended consequences from failures.

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

Description of bacteria-focused BMP	Comments/Discussion
MCM2 BMP13 Illicit Discharge Detection and Elimination Program.	City will continue to work on expanding the SSOI program with TCEQ
MCM2 BMP13 added stream sampling	Added stream sampling in 2015 will provide a needed tool for tracking and reduction of probable sources.

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

Benchmark Indicator	Description/Comments
Stream Bacteria	The City participates in the outfall testing program and includes stream bacteria testing.
Sanitary Sewer Overflow reduction	City will continue to work on expanding the SSOI program with TCEQ.

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	Stormwater Activity	Description/Comments
1	1	Public Outreach	City will host available programs
2	6	SSO reduction	Continue SSOI program participation
3	1 thru 6	Bacteria and TSS reduction	Improve program tracking and its impacts
4	2	Long-Term Operation and Maintenance Program	Improve program tracking and its impacts

F. SWMP Modifications

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

Yes No

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

Yes No

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

MCM(s)	Measurable Goal(s) or BMP(s)	Implemented or Proposed Changes (Submit NOC as needed)
N/A	N/A	N/A

Note: If changes include additions or substitutions of BMPs, include a written analysis explaining why the original BMP is ineffective or not feasible, and why the replacement BMP is expected to achieve the goals of the original BMP.

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

N/A

G. Additional BMPs for TMDLs and I-Plans

Provide a description and schedule for implementation of additional BMPs that may be necessary, based on monitoring results, to ensure compliance with applicable TMDLs and implementation plans.

BMP	Description	Implementation Schedule (start date, etc.)	Status/Completion Date (completed, in progress, not started)
N/A	N/A	N/A	N/A

H. Additional Information

1. Is the permittee relying on another entity to satisfy any permit obligations?

Yes No

If "Yes," provide the name(s) of other entities and an explanation of their responsibilities (add more spaces or pages if needed).

Name and Explanation:

Galveston County Municipal Districts No 43, No 44, No 45, & No 46 are interior of League City's limits; and the MUDs receive water from and discharge into this MS4

Name and Explanation:

Galveston County Municipal Districts No 43, No 44, No 45, & No 46 are responsible for implementing efforts regarding District-owned conveyances within the City of League City interior of League City's limits; and the MUDs receive water from and discharge into this MS4

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

Yes No

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

Yes No

If "Yes," list all associated authorization numbers, permittee names, and SWMP responsibilities of each member (add additional spaces or pages if needed):

Authorization Number: TXR040552 Permittee: GCMUD 43

Authorization Number: TXR040553 Permittee: GCMUD 44

Authorization Number: TXR040554 Permittee: GCMUD 45

Authorization Number: TXR040555 Permittee: GCMUD 46

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):

150+ activities currently ongoing

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.	
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): Sonia I. Phillips, PE CFM Title: Floodplain Administrator

Signature:  Date: 01/28/2022

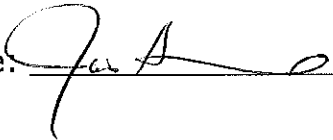
Name of MS4: City of League City

Certification

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Name (printed): Jonis Hargrove Title: President

Signature:  Date: March 1, 2022

Name of MS4: Galveston County MUD 43 - TXR040552

If you have questions on how to fill out this form or about the Stormwater Permitting program, please contact us at 512-239-4671.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512-239-3282.

Certification

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Name (printed): W. E White Title: President

Signature: W E White Date: 3/1/2022

Name of MS4: Galveston County MUD 44 - TXR040553

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Name (printed): Cheryl Leonard Title: President

Signature: Cheryl Leonard Date: March 1, 2022

Name of MS4: Galveston County MUD 45 - TXR040554

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Certification

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Name (printed): DENNIS OWEN Title: PRESIDENT

Signature: Dennis Owen Date: Pres: Owen 3-11-22

Name of MS4: Galveston County MUD 46 - TXR040555

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