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February 27, 2020

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

Re: Phase II MS4 Annual Report Transmittal for City of League City and G.C.M.U.D.'s 43, 44, 45, and 46.

TPDES Authorization: League City TXR040-249, G.C.M.U.D. 43 TXR040552, G.C.M.U.D. 44 TXR040553, G.C.M.U.D. 45 TXR040554, G.C.M.U.D. 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: TXR040249 for the City of League City, TXR040552 G.C.M.U.D. 43, TXR040553 G.C.M.U.D. 44, TXR040554 G.C.M.U.D. 45, TXR040555 G.C.M.U.D. 46.

The annual report is for year 1. The reporting periods began on 12/13/18 and ended on 12/31/19.

A separate Notice of Change has not been submitted since 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,

Alex Noel, CFM, CESCO
Floodplain/Stormwater
Management Coordinator

cc: Christopher Sims

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040249

Reporting Year: 1

Calendar Year: 2019

Permit Year: N/A

Fiscal Year: N/A

Reporting period beginning date: 12/13/2018

Reporting period end date: 12/31/2019

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

Contact Name: Christopher Sims Telephone Number: 281-554-1445

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

E-mail Address: Christopher.sims@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 preparation of the annual report and found no changes that needed to be made at this time. |

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**):

| MCM1 PUBLIC EDUCATION, OUTREACH & INVOLVEMENT | | |
|---|--|--|
| MCM1 | BMP No 1: Storm Water Educational Outreach | Yes: Education is fundamental to understanding the types and impacts of pollutants and the public/private partnership toward prevention. |
| MCM1 | 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. |

| | | |
|------|---|--|
| MCM1 | BMP No 3: Municipal Cable Television Channel (LCTV16) | Yes: Local information broadcasts increase community awareness of pollution concerns, prevention, and abatement. |
| MCM1 | BMP No 4: Website Hosting | Yes: A website search link provides local community access to informational documents related to pollution prevention and abatement. |
| MCM1 | BMP No 5: Social Media Outreach | Yes: Social Media broadcasts provide information on opportunities for local community participation in pollution abatement activities. |
| MCM1 | BMP No 6: Storm Drain Marking | Yes: The information on the markers increases public awareness of the adverse impact of illicit dumping. |
| MCM1 | BMP No 7: Adopt-A-Stream program | Yes: Local participation increases understanding of local storm water pollution issues and hands on solutions. |
| MCM1 | BMP No 8: Community Contact | Yes: Local community contact increases awareness and participation of storm water pollution prevention. |
| MCM1 | BMP No 9: Grease Trap program | Yes: A properly managed program fat, oil and grease (FOG) influences behavior to reduce and mitigate illicit discharges. |
| MCM1 | BMP No 10: Lawn and Garden Activities | Yes: Informing the community influences behavior to reduce and mitigate illicit discharges. |
| MCM1 | BMP No 11: Recycling program | Yes: A properly managed recycling program significantly reduces potential illicit discharges. |
| MCM1 | BMP No 12: 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. |

| | | |
|--|--|--|
| MCM1 | BMP No 13: Watershed BMP Networking | Yes: Watershed networking provides information as to what BMPs have proven successful or not. |
| MCM2 ILLICIT DISCHARGE DETENTION & ELIMINATION | | |
| MCM2 | BMP No 1: Storm Sewer Mapping | Yes: Proper training allows faster identification, tracking, containment and mitigation of illicit discharges. |
| MCM2 | BMP No 2: Field Staff Training | Yes: Proper training allows faster identification, tracking, containment and mitigation of illicit discharges. |
| MCM2 | BMP No 3: Public Reporting of Illicit Discharges and Spills | Yes: Public reporting allows faster identification, tracking, containment and mitigation of illicit discharges. |
| MCM2 | BMP No 4: On-Site Sewage Facilities | Yes: Public education and reporting is essential to effective prevention and faster mitigation of illicit discharges. |
| MCM2 | BMP No 5: Illicit Discharge Ordinance | Yes: A comprehensive, understandable, and enforceable ordinance is essential to effective prevention and faster mitigation of illicit discharges. |
| MCM2 | BMP No 6: Illicit Discharge Detection and Elimination Program | Yes: A comprehensive and enforceable program is essential to effective prevention and faster mitigation of illicit discharges. |
| MCM3 CONSTRUCTION SITE STORM WATER RUNOFF CONTROLS | | |
| MCM3 | BMP No 1: Construction Site Storm Water Runoff Control and Waste Control | Yes: A comprehensive, understandable, and enforceable ordinance is essential for effective prevention and faster mitigation of illicit discharges. |

| | | |
|---|---|---|
| MCM3 | 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. |
| MCM3 | 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. |
| MCM3 | BMP No 4: Construction Site Inventory | Yes: A construction site inventory tracking program is an essential management tool for effective prevention and mitigation of illicit discharges. |
| MCM3 | BMP No 5: Information Submitted by the Public | Yes: Public information provides faster response and mitigation of illicit discharges. |
| MCM3 | 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 | | |
| MCM4 | BMP No 1: Post-Construction Ordinance | Yes: A comprehensive, understandable, and enforceable ordinance is essential for better prevention and faster mitigation of illicit discharges. |
| MCM4 | 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. |
| MCM4 | 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. |
| MCM4 | 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 mitigation of illicit discharges. |

MCM5 POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

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

| | | |
|------|--|--|
| MCM5 | BMP No 9: Municipal Operations and Facility Survey | Yes: A properly manage facility inventory provides for better prevention and faster mitigation of illicit discharge. |
| MCM5 | BMP No 10: Facility Inspection Program | Yes: A properly manage inspection program provides for better prevention and faster mitigation of illicit discharge. |
| MCM5 | BMP No 11: Mowing/Maintenance of District-Owned Ponds | Yes: A properly manage O&M m provides for 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 (**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) |
|---|------------|--|-----------------|--------------------|--|
| MCM1 PUBLIC EDUCATION, OUTREACH & INVOLEMENT | | | | | |
| 1 | 1 | Pamphlets distribution | 1 | PROGRAM | No: Benefits are indirect. |
| 1 | 2 | Education/Outreach for Commercial Activities | 1 | PROGRAM | No: Benefits are indirect. |
| 1 | 3 | Municipal Cable Television Channel (LCTV16) | 2 | PROGRAMS (AIRTIME) | No: Benefits are indirect. |

| | | | | | |
|--|----|--|----|-------------------------------------|--|
| 1 | 4 | Website Hosting | 1 | PROGRAM (WEBSITE) | No: Benefits are indirect. |
| 1 | 5 | Social Media | 3 | TYPE (FB, INSTAGRAM, TWITTER) | No: Benefits are indirect. |
| 1 | 6 | Storm Drain Marking | 2 | PROGRAM | No: Benefits are indirect. |
| 1 | 7 | Community Contact | 1 | PROGRAM | No: Benefits are indirect. |
| 1 | 8 | Grease Trap | 1 | PROGRAM | Yes: Benefits are direct. |
| 1 | 9 | Lawn & Garden | 1 | PROGRAM | No: Benefits are indirect. |
| 1 | 10 | Recycling | 1 | PROGRAM | No: Benefits are indirect. |
| 1 | 11 | Pet Waste Control | 1 | PROGRAM | No: Benefits are indirect. |
| 1 | 12 | Watershed BMP Networking | 4 | COMMITTEE | No: Benefits are indirect. |
| MCM 2 ILLICIT DISCHARGE DETECTION & ELIMINATION | | | | | |
| 2 | 1 | Storm Sewer Mapping | 1 | DEPT BMP | No: Provides for better prevention and faster mitigation. |
| 2 | 2 | Field Staff Training | 13 | DEPT BMP | No: Provides for better prevention and faster mitigation. |
| 2 | 3 | Public Report of Illicit Discharges | 1 | DEPT BMP | No: Benefits are indirect. |
| 2 | 4 | On-Site Sewage Facilities | 1 | DEPT BMP | Yes: Provides for better prevention and faster mitigation. |
| | | | | | |

| | | | | | |
|--|---|---|----|----------|---|
| 2 | 5 | Illicit Discharge Ordinance | 1 | DEPT BMP | No: Benefits are indirect by providing for better prevention and faster mitigation. |
| 2 | 6 | Illicit Discharge Detection and Elimination Program | 13 | DEPT BMP | Yes: Provides for a better prevention and faster mitigation. |
| MCM3 CONSTRUCTION SITE STORMWATER RUNOFF CONTROLS | | | | | |
| 3 | 1 | Construction Site Stormwater Runoff Control and Waste Control Ordinance | 1 | DEPT BMP | Yes: Provides for a better prevention and faster mitigation. |
| 3 | 2 | Site Plan Review Process | 2 | DEPT BMP | Yes: Provides for a better prevention and faster mitigation. |
| 3 | 3 | Construction Site Inspection Program | 4 | DEPT BMP | Yes: Provides for a better prevention and faster mitigation. |
| 3 | 4 | Construction Site Inventory | 1 | DEPT BMP | Yes: Provides physical review for better prevention and faster mitigation. |
| 3 | 5 | Information Submitted by Public | 1 | DEPT BMP | Yes: Provides physical review for better prevention and faster mitigation. |
| 3 | 6 | Staff Training | 4 | DEPT BMP | Yes: Provides for a better prevention and faster mitigation. |
| | | | | | |

MCM4 POST-CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

| | | | | | |
|---|---|---|---|----------|--|
| 4 | 1 | Post-Construction Ordinance | 1 | DEPT BMP | No: Provides for better prevention and faster mitigation. |
| 4 | 2 | Post-Construction Site Inspection | 1 | DEPT BMP | Yes: Provides for better prevention and faster mitigation during construction and the post inspection for maintenance. |
| 4 | 3 | Post-Construction Development Review Procedures | 2 | DEPT BMP | No: Provides plan review for better prevention and faster mitigation. |
| 4 | 4 | Long-Term Operation and Maintenance Program | 2 | DEPT BMP | Yes: Provides for better prevention and faster mitigation. |

MCM5 POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

| | | | | | |
|---|---|--|----|----------|--|
| 5 | 1 | Inventory of permittee Owned Facilities and Controls | 1 | DEPT BMP | Yes: Provides for better prevention and faster mitigation. |
| 5 | 2 | Training Program for Municipal Employees | 40 | DEPT BMP | No: Provides for better prevention and faster mitigation. |
| 5 | 3 | Waste Storage and Disposal Programs | 40 | DEPT BMP | Yes: Provides for better prevention and faster mitigation. |

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|---|----|--|----|----------|--|
| 5 | 4 | Contractor Requirements and Oversight | 5 | DEPT BMP | Yes: Provides for better prevention and faster mitigation. |
| 5 | 5 | Operations and Maintenance Program | 40 | DEPT BMP | Yes: Provides for better prevention and faster mitigation. |
| 5 | 6 | Structural Control Maintenance | 2 | DEPT BMP | Yes: Provides for better prevention and faster mitigation. |
| 5 | 7 | O & M Program to reduce discharge of pollutants from roads | 2 | DEPT BMP | Yes: Provides for better prevention and faster mitigation. |
| 5 | 8 | Mapping of Facilities | 1 | DEPT BMP | No: Provides for better prevention and faster mitigation. |
| 5 | 9 | Municipal Operations and Facility Survey | 1 | DEPT BMP | No: Provides for better prevention and faster mitigation. |
| 5 | 10 | Facility Inspection Program | 1 | DEPT BMP | Yes: Provides for better prevention and faster mitigation. |
| 5 | 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 (**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 BMP 1 | Pamphlet Distribution | Achieved: Five TPDES related pamphlets are maintained in four City facilities locations. The City participates in the Harris County Infrastructure Department's TPDES Outreach Program. |
| 1 BMP 2 | Commercial Outreach | Achieved: Public Works provided TPDES pre-treatment information during plan reviews. The City participates in the Harris County Infrastructure Department's TPDES Outreach Program. |
| 1 BMP 3 | Cable TV | Achieved: Communications Office provides local air-time slots and the City participates in the Harris County Infrastructure Department's TPDES Outreach Program |
| 1 BMP 4 | Website Hosting | Achieved: Communications Office provides web search capability from the City's Website. |
| 1 BMP 5 | Social Media | Achieved: Communications Office provides notices via Facebook, Website, Twitter, etc. of TPDES related meeting. |
| 1 BMP 6 | Storm Drain Marking | Achieved: TPDES Inlet Markers are installed on all new and repaired inlets. |
| 1 BMP 7 | Community Contact | Achieved: Facilities Rental hosted two TPDES related Public meetings. |
| 1 BMP 8 | Grease Trap | Achieved: Public Works promotes FOG BMPs during plan reviews and administers a FOG management program. |
| 1 BMP 9 | Lawn & Garden | Achieved: Parks promotes TPDES BMPs in City hosted Public Outreach programs. |
| 1 BMP 10 | Recycling | Achieved: Solid Waste Management Contractor promotes TPDES BMPs in City recycling program. |

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| 1 BMP 11 | Pet Waste Control | Achieved: Parks along with Animal Control promotes TPDES BMPs at City hosted Public Outreach programs. |
| 1 BMP 12 | Watershed BMP Networking | Achieved: Engineering, Public Works, and Planning promotes TPDES BMPs in workgroup meetings. |
| 2 BMP 1 | Storm Sewer Mapping | Achieved: GIS populates shape files with new outfalls, pipes, manholes, detention ponds, etc. |
| 2 BMP 2 | Field Staff Training | Achieved: All Departments provide SOP/TPDES BMP training to new and existing staff. |
| 2 BMP 3 | Public Report of Illicit Discharges | Achieved: Communications Office receives, and Staff resolves Public reports in a timely manner. |
| 2 BMP 4 | On-Site Sewage Facilities | Achieved: Public Works administered two County Service Contracts. |
| 2 BMP 5 | Illicit Discharge Ordinance | Achieved: Engineering manages ordinance revision as needed. |
| 2 BMP 6 | Illicit Discharge and Elimination Program | Achieved: Public Works participates in an SSOI program for reduction of illicit discharges. |
| 3 BMP 1 | Construction Site Stormwater Runoff and Waste Control Ordinances | Achieved: Engineering manages ordinance revision as needed. |
| 3 BMP 2 | Site Plan Review Process | Achieved: Engineering manages TPDES requirements in site review. |
| 3 BMP 3 | Construction Site Inspection Program | Achieved: Project Management, Building and Engineering manages respective construction inspection programs. |
| 3 BMP 4 | Construction Site Inventory | Achieved: Building and Engineering manages respective databases. |

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|---------|--|--|
| 3 BMP 5 | Information Submitted by Public | Achieved: Communications Office receives, and tracks reports and responds to the Public. |
| 3 BMP 6 | Staff Training | Achieved: All Departments manages respective SOP/TPDES training of new and existing Staff. |
| 4 BMP 1 | Post—Construction Ordinance | Achieved: Engineering manages ordinance revision as needed. |
| 4 BMP 2 | Post-Construction Site Inspection Program | Achieved: Engineering manages the tracking and inspection program. |
| 4 BMP 3 | Post-Construction Development Review Procedure | Achieved: Engineering manages procedure revisions as needed. |
| 4 BMP 4 | Long-Term Operation and Maintenance Program | Achieved: All Departments manages their respective SOP O&M programs. |
| 5 BMP 1 | Inventory of Permittee Owned Facilities and Controls | Achieved: Engineering manages the tracking database. |
| 5 BMP 2 | Training Program for Municipal Employees | Achieved: All Departments manages their respective SOP/TPDES Staff training. |
| 5 BMP 3 | Waste Storage and Disposal Programs | Achieved: All Departments manages their respective SOP/TPDES programs. |

| | | |
|----------|--|---|
| 5 BMP 4 | Contractor Requirement and Oversight | Achieved: All Departments provide contractor oversight on respective contracts. |
| 5 BMP 5 | Operations and Maintenance Program | Achieved: All Departments manages their respective SOP/TPDES O&M Programs. |
| 5 BMP 6 | Achieved: All Departments manages their respective SOP/TPDES O&M Programs. | Achieved: Drainage performed structural control O&Ms and reconstructed 3 failed outfall structures. |
| 5 BMP 7 | O&M Program to Reduce Discharge of Pollutants from Roads | Achieved: Public Works-Street swept 2288 lane miles of streets and removed 225 tons of materials. |
| 5 BMP 8 | Mapping of Facilities | Achieved: GIS populates shape files by adding new and revised sites annually. |
| 5 BMP 9 | Municipal Operations and Facility Survey | Achieved: Inventory maintained. |
| 5 BMP 10 | Facility Inspection Program | Achieved: All Departments inspect assigned facilities. |
| 5 BMP 11 | 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

Robinson Bayou Unit 1101D, Bacteria

Jarbo Bayou Unit 2425A, 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 <i>(Ex: Total Suspended Solids)</i> | 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' 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 FC | >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 FC | >200cts/100ml & or 400cts/ml 25% time | None by City, worked with H-GAC'S BIG. Added GCHD sampling in Oct 2015 | 1970 and 2005 |
| Robinson Bayou | | | |
| 1101D 01 ENT | >35cts/100ml & or 89cts/100ml 25% time | None by City, worked with H-GAC' 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' BIG Added GCHD sampling in Oct 2015 | 1970 and 2005 |

| | | | |
|-----------------|---|---|---------------|
| Jarbo Bayou | | | |
| 2425A ENT | >35cts/100ml & or 89cts/100ml 25% time | None by City, worked with H-GAC' BIG. Added GCHD sampling in Oct 2015 | 2004 and 2010 |
| 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 24hr avg DO concentration and a 3.0mg/L for 24hr 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—02 CBOD | >4.0mg/L for 24hr avg DO concentration and a 3.0mg/L for 24hr 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 thru14 | Outreach informs the Public of the impairment and provides tools for their participation in reduction. |
| Bacteria and DO reduction | MCM2 BMPs 1 thru 6 | Knowing the physical properties of the collection system and performing detection/reporting provides operators tools for more efficient reduction. |
| Bacteria and DO reduction | MCM4 BMPs 1 thru 4 | Maintaining Post-Construction BMPs reduces the unintended consequences from failures. |
| Bacteria and DO reduction | MCM5 BMPs1 thru 11 | 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 MBP13 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.

For example, the MS4 may use the following benchmark indicators:

- number of sources identified or eliminated;
- number of illegal dumping;
- increase in illegal dumping reported;
- number of educational opportunities conducted;
- reductions in sanitary sewer flows (SSOs); /or
- increase in illegal discharge detection through dry screening.

| 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.

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?

X 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 43, 44, 45, & 46 are interior of League City's City limits; and the MUDs receive water from and discharge into this MS4

Name and Explanation:

Galveston County Municipal Districts 43, 44, 45, & 46 are responsible for implementing efforts regarding district-owned conveyances within the City of League City.

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

X Yes ___ No

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

X 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 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 |

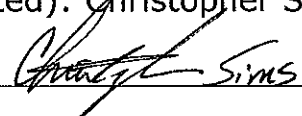
Note: Though the seventh MCM is optional, implementation must be requested on the NOI or on a NOC and approved by the TCEQ.

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): Christopher Sims Title: Director of Engineering

Signature:  Date: 2/27/2020

Name of MS4: City of League City

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name of MS4: G.C.M.U.D. # 43

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name of MS4: G.C.M.U.D. # 44

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name of MS4: G.C.M.U.D. # 45

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name of MS4: G.C.M.U.D. # 46

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.