March 28, 2023

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

Re: Phase II MS4 Annual Report Transmittal for
Fort Bend County Levee Improvement District No. 17
TPDES Authorization: **TXR040314**

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 TXR040314 for Fort Bend County Levee Improvement District No. 17.

The annual report is for Year 4 - 01/01/2022-12/31/2022

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,

Justin Klump
Municipal Consultant

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: **TXR040314**

Reporting Year: 4

Annual Reporting Year Option Selected by MS4:

Calendar Year: X

Permit Year: N/A

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

Reporting period beginning date: (month/date/year) 01/01/2022

Reporting period end date: (month/date/year) 12/31/20122

MS4 Operator Level: 2

Name of MS4: Fort Bend County Levee Improvement District No. 17

Contact Name: Justin Klump Telephone Number: 281.587.5950

Mailing Address: 16110 Hollister Street, Houston, TX 77066

E-mail Address: JTKlump@swstx.com

A copy of the annual report was submitted to the TCEQ Region YES X NO

Region the annual report was submitted to: TCEQ Region 12

B. Status of Compliance with the MS4 GP and SWMP

1. Provide information on the status of complying with permit conditions: (TXR040000 Part IV.B.2)

	Yes	No	Explain
Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.	X		SWMP submitted by deadline and has provisional coverage until final approval.
Permittee is currently in compliance with recordkeeping and reporting requirements.	X		Year 3 annual report has been submitted.
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	X		SWMP and year 3 annual report were submitted on time. No outstanding deficiencies.
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	X		SWMP was reviewed per the TXR040000 instructions.

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)
1-5	Storm Water Consultant	**Yes.** Fort Bend County LID No. 17 contracted Storm Water Solutions, LLC (SWS) to represent the District for the new 5-year permit term and to professionally manage the SWMP on behalf of the District. The stormwater consultant is charged with implementing the BMPs as outlined in the SWMP. Other activities expected of the stormwater consultant include training sessions during board meetings, preparation of the annual report, interaction with the TCEQ, attendance at environmental conferences, etc. Using these vehicles of interaction will allow the consultant to better educate the Board, consultants, and the public, and hence, reduce discharge pollutants.

1,2,3,5	Training Sessions for District Consultants and Public	**Yes.** The storm water consultant hosted 2 training sessions relative to the new TXR040000 permit requirements during year 4. Training occurred during the public Board meeting. Training sessions involve the Board of directors and their consultants; the District engineer, the attorney, the bookkeeper, and the operator. These meetings are open to the public as well. Training sessions focus on the short term and long term goals associated with the SWMP, the status of implementation of the BMPs, TMDL Implementation in the area, and modifications needed to better control pollutants in storm water runoff.
2-5	Storm Water Ordinance	**Yes.** Because the authority and practicality of a Levee Improvement District is limited, the District will continue to refer all enforcement to the City of Sugar Land and/or the TCEQ.
2,4	Conveyance Map	**Yes.** The map of the District's conveyance is updated on an ongoing basis.
1,2	Stormwater Website	**Yes.** The www.cleanbayous.org website is designed to be the focal point of the SWMP's public education initiative. The website contains useful information for reducing stormwater pollution and improving stormwater quality. Cleanbayous.org is mobile friendly and equipped with reporting mechanism. The "Resources" page contains the District's previous SWMP, NOI, and year 3 annual report. Once the new SWMP and this annual report are approved both will be uploaded to cleanbayous.org and/or the District's website, www.fblid17.org.
1	Educational Material	**Yes.** The year 3 annual report was added to www.cleanbayous.org. Educational material designed to inform & educate residents and businesses of the District's commitment to preventing stormwater pollution currently were added to this website. The material focuses on stormwater pollution prevention and how residents can improve the quality of stormwater leaving the District. The District will continue to rely on the City of Sugar Land's public education program as well.
1,2	Community involvement	**Yes.** The District Board of Directors had an agenda item for public discussion during their Board meetings. Residents/visitors may bring up any stormwater related item for discussion and/or action. Allowing the public another venue to voice concerns regarding stormwater pollution will encourage a more cohesive approach in achieving better stormwater quality. www.cleanbyous.org also has a reporting mechanism, which allows visitors to file complaints.

2	Illicit Discharge Detection and Elimination	**Yes.** Illicit Discharge Detection and Elimination is addressed in the Stormwater Guidance Manual.
1-5	Stormwater Guidance Manual (GM)	**Yes.** The Stormwater Guidance Manual is in place and updated as an as-needed basis
2-5	Compliance & Regulatory Inspection Forms	**Yes.** The purpose of the compliance and regulatory inspections are to ensure that maintenance activities, maintenance schedules, and long-term inspection procedures of stormwater controls are being adhered to and to ensure that erosion and sediment control practices are being properly implemented. In an effort to improve stormwater quality, and adhere to permit requirements, the respective forms are part of the Stormwater Guidance Manual.
3	Construction Pollution Prevention Plan Template	**Yes.** The Construction Pollution Prevention Plan Template is part of the Stormwater Guidance Manual.
3	Regular Maintenance of District Construction Sites	**Yes.** Construction Site Stormwater Runoff Control Program is addressed in the Stormwater Guidance Manual. This chapter addresses the requirements for maintenance of construction sites within District's boundaries.
4	Post-Construction Stormwater Maintenance	**Yes.** Long term maintenance of post-construction stormwater controls is required.
5	Operations and Maintenance	**Yes.** Monthly operations reports are brought to Board meetings and Board members are updated on the status of the District's facilities.
4,5	Regular Maintenance of Drainage Ways and Appurtenances	**Yes.** It is the District's responsibility to maintain all District-owned stormwater conveyances within District's boundaries. Maintenance of these are performed on a routine basis.

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	Public education	Website	1	Uploading Educational Material	No. Though this BMP does not result in a direct reduction of pollutants, educating the citizens will eventually reduce litter, hence pollutants.
2	IDDE Program	Website	0	Utilizing Reporting Mechanism	Yes. When residents observe an illicit discharge and use the website's reporting mechanism, it reduces the amount the pollutant that would have been otherwise unaddressed.
3	Construction Site Runoff Control Program	Construction Sites	All	Inspections	Yes. Inspections allow for determining if proper BMPs are in place to reduce sediment discharge and erosion.
3	Construction Site Runoff Control Program	NOIs	All received by MS4 Operator	Reviews	Yes. By ensuring contractors have permit coverage, we can evaluate if the SWPPP is effective in reducing sediment discharge and erosion.
4	Post Construction Stormwater Maintenance Program	Plans	All received by MS4 Operator	Reviews	No. The pollutants will be reduced over time as the permanent post-construction BMPs are utilized.
5	Operations & Maintenance Program	Board Reports	12	Condition of District Facilities	Yes. Proper condition of the District facilities is critical for meeting permit standards on a consistent basis.
4,5	Maintenance of District Facilities	Drainage ways and appurtenances	All	Mowing, maintenance, and erosion control	Yes. Proper mowing and maintenance of drainage ways and appurtenances reduces erosion and prevents silt from entering into waterways.
1,2,3,5	Training	SWMP	2	Board Meetings	No. Though this BMP does not result in a direct reduction of pollutants, educating and training the citizens MS4 Operator consultants and will inform both groups how to improve stormwater quality.

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.
1-5	Stormwater Consultant	The District retained the services of a Stormwater Consultant who is responsible for implementing Best Management Practices.
1,2,3,5	Training Sessions for District Consultants and Public	The stormwater consultant hosted 2 training sessions relative to the new TXR040000 permit requirements during year 4. Training occurred during a public Board meeting. Training sessions involve the Board of directors and their consultants; the District engineer, the attorney, the bookkeeper, and the operator. These meetings are open to the public as well.
2-5	Storm Water Ordinance	The District continued to refer all enforcement to the City of Sugar Land and/or the TCEQ.
2,4	Conveyance Map	There is an existing conveyance map of the stormwater conveyance system. The conveyance map is updated as necessary.
1,2	Stormwater Website	The www.cleanbayous.org website is designed to be the focal point of the SWMP's public education initiative. Cleanbayous.org is mobile friendly and equipped with reporting mechanism. The "Resources" page contains the District's previous SWMP, NOI, and year 3 annual report. Once the new SWMP and this annual report is approved they will be uploaded to cleanbayous.org and/or the District's website, www.fblid17.org.
1	Educational Material	The year 3 annual report was added to www.cleanbayous.org. Educational material designed to inform & educate residents and businesses of the District's commitment to preventing stormwater pollution was added to this website.
1,2	Community involvement	The District Board of Directors had an agenda item for public discussion during their Board meetings. Residents/visitors may bring up any stormwater related item for discussion and/or action. Allowing the public another venue to voice concerns regarding stormwater pollution will encourage a more cohesive approach in achieving better stormwater quality. www.cleanbyous.org also has a reporting mechanism, which allows visitors to file complaints.
2	Illicit Discharge Detection and Elimination	Illicit Discharge Detection and Elimination is addressed in the Stormwater Guidance Manual.
1-5	Stormwater Guidance Manual (GM)	The Stormwater Guidance Manual is in place and is updated on an as-needed basis.

2-5	Compliance & Regulatory Inspection Forms	These forms are part of the Stormwater Guidance Manual and are available for use.
3	Construction Pollution Prevention Plan Template	The Construction Pollution Prevention Plan Template is part of the Stormwater Guidance Manual and is available for use.
3	Regular Maintenance of District Construction Sites	Construction Site Stormwater Runoff Control Program is addressed in the Stormwater Guidance Manual. This chapter addresses the requirements for maintenance of construction sites within District's boundaries.
4	Post-Construction Stormwater Maintenance	Long term maintenance of post-construction stormwater controls is required.
5	Operations and Maintenance	Monthly operations reports are brought to Board meetings, where Board members are updated on the status of the District's facilities.
4,5	Regular Maintenance of Drainage Ways and Appurtenances	Maintenance of District drainage ways and appurtenances by qualified personnel.

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.?

The District did not perform analytical monitoring of stormwater quality during year 4.

Cleanbayous.org contains educational material relative to stormwater quality. The site is mobile friendly, which allows residents to report illicit discharges and construction site runoff concerns in a quicker, easier fashion. Furthermore, the website now allows visitors to include picture when reporting illicit discharges via the reporting mechanism.

- Continued relying in City of Sugar Land for public education/outreach efforts.
- Board of Directors and consultants were educated/trained on the goals of the SWMP, including potential bacteria-specific elements during public Board meeting.
- Continued to update stormwater conveyance map as necessary to be used as part of the Illicit Discharge Detection and Elimination Program.
- A Stormwater Guidance Manual is in place.
- Continued relying on City of Sugar Land for enforcement efforts.

Maintenance of District drainage ways and appurtenances are done on an as-needed basis by qualified personnel.

D. Impaired Waterbodies

1. Identify whether an impaired water within the permitted area was added to the latest EPA-approved 303(d) list or the Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d). List any newly-identified impaired waters below by including the name of the water body and the cause of impairment.

   Fort Bend County LID No. 17 neither directly nor indirectly discharges into a TMDL-impaired water-body. Additionally, this District does not discharge directly into an impaired stream listed on the 303(d) list.

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.

   N/A

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**
N/A	N/A	N/A	N/A

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**
N/A	N/A	N/A

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

Description of bacteria-focused BMP	Comments/Discussion
N/A	N/A

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

Benchmark Indicator	Description/Comments
N/A	N/A

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	Stormwater Activity	Description/Comments
1,2,3,5	Training & Education	Hold 2 Training session per year	Training sessions to be held at regularly scheduled Board meetings.
1	Public Education	Website updated	Update website with educational material and approved SWMP & NOI and annual report.
1	Community Involvement	Hold monthly Board meeting	Hear feedback from customers and District consultants on public involvement opportunities.
1,2	Community Involvement & IDDE	Respond to complaints on website	Respond to 100% of complaints
2,4	Stormwater Conveyance Map	Produce an updated map	Ensure District has a stormwater conveyance map.
2	Chapter 2 of Guidance Manual	Review and update chapter 2 of Guidance Manual	Chapter 2 will comply with new IDDE provisions of TXR040000
3	Chapter 3 of Guidance Manual	Review and update chapter 3 of Guidance Manual	Chapter 3 will comply with new IDDE provisions of TXR150000
3	Chapter 3 of Guidance Manual	Plan Review	District engineer will review all new construction plans for compliance with TXR150000
3	Chapter 3 of Guidance Manual	NOI Review	Review of 100% of NOIs received for new construction projects

4	Chapter 4 of Guidance Manual	Review and update chapter 4 of Guidance Manual	Chapter 4 will comply with the new post-construction provisions of TXR040000
4	Chapter 4 of Guidance Manual	Plan review	District engineer will review all new post-construction plans and applications for new construction
4	Drainage Criteria Manual	Review county's Drainage Criteria Manual	Modify chapter 4 of the GM based on new provisions found in the county's Drainage Criteria Manual
5	Chapter 5 of Guidance Manual	Review and update chapter 5 of Guidance Manual	Chapter 5 will comply with the new Municipal Operations provisions of TXR040000
5	Chapter 5 of Guidance Manual	Review monthly operations report	Board of Directors will review monthly operations reports for compliance with the stormwater program
5	Chapter 5 of Guidance Manual	Inventory of District Facilities	Maintain & update an inventory of District facilities for use in implementing good housekeeping measures

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.).

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)
All	N/A	N/A	Additional BMPs not deemed necessary.

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: City of Sugar Land - The MS4 Operator is a Levee Improvement District (LID) and has limited ability to mail notices or other information concerning the SWMP to residents within its jurisdiction. However, the MS4 Operator has overlapping jurisdiction with the City of Sugar Land. The City of Sugar Land is a level 4 MS4 Operator and owns and operates the majority of the stormwater conveyance system, including all streets, catch basins, and storm sewers. The City of Sugar Land has developed its own SWMP which includes a public education and involvement program. Both the City of Sugar Land and the LID share the same residents. The District will continue to rely on the City of Sugar Land for public education efforts as appropriate. Additionally, due to the limited authority and practicality of a Levee Improvement District, the District will continue to refer all enforcement to the City of Sugar Land and/or the TCEQ.

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?

___ Yes _X_ No

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

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.*

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): David Gornet Title: President

Signature: Date: February 9, 2023

Name of MS4: Fort Bend County LID 17 - TXR040314