

March 23, 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 River Plantation MUD
TPDES Authorization: TXR040545

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 TXR040545 for the {River Plantation MUD}.

The annual report is for Year__3__ . The reporting period's beginning 01/01/2021 and 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.
The Notice of Change was submitted to TCEQ's Applications Review and Processing Team (MC-148):

BY REGULAR U.S. MAIL:
Texas Commission on Environmental Quality
Applications Review and Processing Team (MC-148)
P.O. Box 13087
Austin, Texas 78711-3087

BY OVERNIGHT/EXPRESS MAIL:
Texas Commission on Environmental Quality
Applications Review and Processing Team (MC-148)
12100 Park 35 Circle
Austin, TX 78753

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,

Taylor Reed, P.E
District Engineer

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR0400545

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

Annual Reporting Year Option Selected by MS4:

Calendar Year: x

Permit Year: _____

Fiscal Year: _____ Last day of fiscal year: (_____)

Reporting period beginning date: (month/date/year) 01/01/2021

Reporting period end date: (month/date/year) 12/31/2021

MS4 Operator Level: 2 Name of MS4: River Plantation Municipal Utility District

Contact Name: Taylor Reed, P.E. Telephone Number: 713-782-0042

Mailing Address: 777 N. Eldridge Pkwy, Suite 500, Houston, Tx 77079

E-mail Address: Treed@vs-eng.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		
Permittee is currently in compliance with recordkeeping and reporting requirements.	X		

Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	X		
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	X		

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: Public Education and Outreach	1: Post and/or distribute storm water related materials at the RPMUD office.	No. Though this BMP does not result in a direct reduction of pollutants, educating the citizens will eventually reduce litter, hence pollutants.
1: Public Education and Outreach	2: Review and update SWMP and MCM as necessary	Yes. Through constant review and update we can best determine where to focus efforts.
1: Public Education and Outreach	3: Post SWMP and annual reports on the Districts website	No. this just provides information to the public.
2: Illicit Discharge, Detection, and Elimination (IDDE)	1: Visual monitoring of storm sewer system.	Yes. By monitoring the storm sewer system, we can best detect illicit discharge and terminate it.
2: Illicit Discharge, Detection, and Elimination (IDDE)	2: Investigate all reported illicit discharges or illegal dumping within two days, excluding any repeated, unsubstantiated illicit discharge reports. Civil and criminal enforcement will be enacted as necessary.	Yes. Through investigation we can track down the party in violation and take action to remedy the issue.

2: Illicit Discharge, Detection, and Elimination (IDDE)	3: All suspected discharges or illegal dumping shall be investigated and logged by the operator	Yes. Helps us track and penalize repeat offenders with increasing fines which will deter future offenders.
2: Illicit Discharge, Detection, and Elimination (IDDE)	4: Investigate and document the source of illicit discharges or illegal dumping where the permittees have jurisdiction	Yes. Helps us track repeat offenders and keep records of how many IDDE occurrences we have on a year-to-year basis
2: Illicit Discharge, Detection, and Elimination (IDDE)	5: On Site Sewage Facility (OSSF)	Yes. The district does not allow the use of OSSF by its constituents.
2: Illicit Discharge, Detection, and Elimination (IDDE)	6: Storm System Drainage Map	Yes. The map is used to track offenders and identify locations for inspection.
3: Construction Site Storm Water Runoff Control	1: Construction Site Plan Review Requirements and Construction Procedures.	Yes. A plan will ensure that all construction is meeting the requirements of this SWMP
3: Construction Site Storm Water Runoff Control	2: Stormwater Site Plan Requirements	Yes. A plan will ensure that all construction is meeting the requirements of this SWMP and report any violations.
4: Post-Construction Storm Water Management	1: Pollution Prevention Post-Construction	Yes. A plan will ensure that all construction is meeting the requirements of this SWMP through inspection.
4: Post-Construction Storm Water Management	2: Develop, implement, and enforce a post-construction storm water management program to control for stormwater discharges from newly or redeveloped areas.	Yes. A plan will ensure that all construction is meeting the requirements of this SWMP

4: Post-Construction Storm Water Management	3: Use a regulatory mechanism such as a procedure to address post-construction runoff from new or redevelopment projects.	Yes. A plan will ensure that all construction is meeting the requirements of this SWMP
4: Post-Construction Storm Water Management	4: Document and maintain records of enforcement actions and make them available for review by the TCEQ.	Yes. A plan will ensure that all construction is meeting the requirements of this SWMP and track violators
4: Post-Construction Storm Water Management	5: Ensure the long-term operation and maintenance of structural stormwater control measures that are installed.	Yes. Will ensure the continued monitoring of the storm water discharge from construction sites
5: Pollution Prevention and Good Housekeeping for Municipal Operations	1: The Operator will establish a facilities inventory and program to conduct its general operations in a manner that prevents or reduces pollution in storm water runoff to the maximum extent practicable.	Yes. By creating an inventory and program to conduct operations in a manner that best reduces potential pollution discharge.
5: Pollution Prevention and Good Housekeeping for Municipal Operations	2: Provide oversight of contractor activities to ensure the contractors are using appropriate control measures and SOPs.	Yes. By continued monitoring the operator ensures the contractor is using all necessary BMP's to reduce or eliminate unnecessary discharge
5: Pollution Prevention and Good Housekeeping for Municipal Operations	3: Pollution prevention measures and structural control inspection and maintenance.	Yes. On going inspections by the operator using prevention measures insures reduction in discharge of pollutants
5: Pollution Prevention and Good Housekeeping for Municipal Operations	4: Operation and maintenance activity evaluation.	Yes. Through evaluation of ongoing activities by the District during operation and maintenance, it can be insured to cut down on any such pollutants.

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	1.1: Post and/or distribute storm water related materials at the RPMUD office.	3 EPA Publications in office	20	Flyers	No. Public did not take literature at office.
1	2: Review and update SWMP and MCM as necessary	SWMP	1	Review	SWMP was reviewed and no updates deemed necessary
1	3: Post SWMP and annual reports on the Districts website	RPMUD website	1	Post	Yes. Annual report was posted.
2	1: Visual monitoring of storm sewer system.	Visual	1	Monthly	No. Visual inspections of ditches have not revealed Illicit activity.
2	2: Investigate all reported illicit discharges or illegal dumping within two days, excluding any repeated, unsubstantiated illicit discharge reports	Visual	1	Monthly	No. No reports or activities have been investigated.

2	3: All suspected discharges or illegal dumping shall be investigated and logged by the operator	Visual	1	Monthly	No. No suspected or illegal dumping have been observed.
2	4: Investigate and document the source of illicit discharges or illegal dumping where the permittees have jurisdiction	Visual	1	Monthly	No. No Investigations have been opened.
2	5: On Site Sewage Facility (OSSF)	Visual	N/A	N/A	No. RPMUD does not allow any installation of (OSSF)
2	6: Storm System Drainage Map	Section Maps	1	80%	Yes. Map will help identify all outfalls.
3	1: Construction Site Plan Review Requirements and Construction Procedures.	Permit	0	1	Yes. Requirements are issued by Montgomery County Permit office with every permit application issued.
3	2: Stormwater Site Plan Requirements	Permit	0	1	Yes. Requirements are issued by Montgomery County Permit office.
4	1: Pollution Prevention Post-Construction	Visual	1	1	Yes. Weekly inspection of construction site during the Permit period.

4	2: Develop, implement, and enforce a post-construction storm water management program to control for stormwater discharges from newly or redeveloped areas.	Permit	1	1	Yes. Requirements are issued by Montgomery County Permit office with every permit application issued.
4	3: Use a regulatory mechanism such as a procedure to address post-construction runoff from new or redevelopment projects.	Permit	1	1	Yes. Operator will keep records of enforcement of procedure.
4	4: Document and maintain records of enforcement actions and make them available for review by the TCEQ.	Document	1	1	Yes. Operator will keep records of enforcement in office.
4	5: Ensure the long-term operation and maintenance of structural stormwater control measures that are installed.	Visual	1	annual	Yes. Operator will inspect all Post-Construction sites.

5	1: The Operator will establish a facilities inventory and program to conduct its general operations in a manner that prevents or reduces pollution in storm water runoff to the maximum extent practicable.	SWMP	1	Shop	Yes. Equipment and inventory are available for storm water management
5	2: Provide oversight of contractor activities to ensure the contractors are using appropriate control measures and SOPs.	Permit	1	1	Yes. All construction site will be inspected weekly to insure compliance with permit.
5	3: Pollution prevention measures and structural control inspection and maintenance.	Visual	1	monthly	Yes. Inspections will help prevent structural failure and monitor maintenance program.
5	4: Operation and maintenance activity evaluation.				Yes. Proper mowing and maintenance of drainage ways will reduce erosion.

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	1: At least fifty articles will be made available at the District Office. Educational materials will be made available on the District Website	Articles are available in office. Educational material has not been added to web site.
1	2: Operator to annually review SWMP and MCM	Review completed in February.
1	3: Operator will post approved SWMP. The annual report will be posted no later than 30 days after the approval date.	Approved SWMP is available in office.
2	1: Have record of all inspection reports of storm water collection boxes, ditches, and outfalls in the District.	None reported
2	2: Have record of all inspection reports of illicit discharges or illegal dumping.	None reported or observed.
2	3: A report will be made of all discharges or illegal dumping investigated and retained in the Operator's files.	None reported or observed

2	4: Investigate and document all reported sources of illicit discharges or illegal dumping and immediately notify the responsible party of the problem and require the responsible party to perform all necessary corrective actions to eliminate the illicit discharge.	None reported or observed
2	6: Have Storm Sewer System Drainage Map available at the District Office.	Yes. 80% of the new map is completed.
3	2: The Operator shall keep record of all plan reviews to ensure stormwater best management practices are being utilized onsite and water quality impacts are being considered.	Yes, all records will be maintained in office.
4	1: Inspect all permits issued by the Montgomery County Engineering office for the duration of the Permit period. Inform the owner/occupant of the SWMP for the area.	Yes when issued by Montgomery County Permit Department.
4	2: Operator shall develop, implement, and enforce a program for new and redeveloped areas.	Have adopted Montgomery County Requirements
4	3: The Operator will keep all records of enforcement of procedure.	Yes, all records will be maintained in office.
4	4: Keep all records of all enforcement actions from the implemented post-construction storm water management program.	Yes, all records will be maintained in office.
4	5: Conduct annual inspection of Post-Construction stormwater controls.	Yes. Operator will inspect all Post- Construction sites.

5	1: The Operator will maintain the inventory of facilities and storm water controls that it owns and operates.	All equipment and inventory for storm water is maintained.
5	2: Operator to have record of oversight of all construction activities of 5-acres or greater.	Yes when issued by Montgomery County Permit Department.
5	3: Record all inspections of pollution prevention measures.	Yes, all records will be maintained in office.
5	4: Operator to evaluate all operation and maintenance activities that are in the inventory.	All equipment and inventory for storm water is maintained.

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.

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 District is in the process of inspecting all sanitary sewer lines for possible failures. These will be part of the sanitary sewer rehabilitation that the District is currently undertaking. No testing of the tributary waters was conducted.

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

Semi-Annual inspection of all sanitary sewer manholes and lines to ensure proper function.

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

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

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

Description of bacteria-focused BMP	Comments/Discussion

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 dumpings;
- 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

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	Stormwater Activity	Description/Comments

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)

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

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:

Name and Explanation:

Name and Explanation:

Name and Explanation:

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: _____ Permittee: _____

Authorization Number: _____ Permittee: _____

Authorization Number: _____ Permittee: _____

Authorization Number: _____ Permittee: _____

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 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	


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): Taylor J. Reed, P.E. Title: District Engineer

Signature:  Date: 03/24/2022

Name of MS4 River Plantation Municipal Utility District

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.