

3. Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040374

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

Annual Reporting Year Option Selected by MS4:

Calendar Year: _____

Permit Year: 2022

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

Reporting period beginning date: (month/date/year) 01/24/2022

Reporting period end date: (month/date/year) 1/23/2023

MS4 Operator Level: 2 Name of MS4: Kingsbridge Municipal Utility District

Contact Name: David E. Miller, PE Telephone Number: (713)977-4700

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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

- 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		Anticipated approval by TCEQ is pending.
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		

- 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**):

All Best Management Practices (BMPs) included in the Storm Water Management Program (SWMP) are appropriate for reducing the discharge of pollutants to the Maximum Extent Practical (MEP). The SWMP for Kingsbridge Municipal Utility

District (the "District") was submitted for review and approval by the Texas Commission of Environmental Quality (TCEQ) on 07/17/2019. Below are examples of BMPs which were implemented in Permit Year 4.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1: Public Education, Outreach and Involvement	1.1 Website – District	Yes. Public education of SWMP concepts are posted on websites, distributed by newsletter and included in a monthly water bill.
	1.2 Website – Community Association	
	1.3 Water Bill Posting	
	1.4 Development Procedures	Yes. The District issues requirements to Developers and Property Owners for implementing Pre-and Post-Construction BMPs.
	1.6 Monthly Public Meeting	Yes. The District allows for public input and comment on the District's SWMP by providing a monthly public meeting forum.
2: Illicit Discharge Detection and Elimination	2.1 MS4 Mapping	Yes. The District maintains a map of its MS4 area storm sewer system and is updated annually to include new segments and outfalls.
	2.2 Review of Landscaping, Fertilizer and Pesticide Practices	Yes. Documenting reported occurrences of improper disposal of landscaping and pet wastes along with signage instructing the public on proper disposal will reduce pollutants entering the District's storm system.
	2.3 Public Notice Signage and Stenciling	
	2.4 Pet Waste Disposal	
3: Construction Site Control	3.2 Plan Review and Site Inspection Procedures	Yes. The District requires contractors to implement site sediment controls approved during District Plan Review.
	3.3 Implementation of Site Sediment Control Measures	Yes. The District has evaluated plan review and site observation procedures for Permit Year 4 and found no updates were necessary.
4. Post-Construction Site Control	4.1 Implementation of BMPs and Individual Project SWMP	Yes. The District oversees implementation of post-construction BMPs and documents certifications issued by Developer's engineer for completed individual SWMP, updated annually.
5: Pollution Prevention & Good	5.1 Inventory of MS4 Storm Water Controls	Yes. District maintains an inventory of individual SWMP projects and continues inspections, updated annually.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
Housekeeping	5.2 Implement MS4 Controls at District Outfalls	Yes. District to install outfall debris controls where selected, as needed. Selection is based on results of visual inspections and documented occurrences of improper disposal of wastes into the District's storm system reported to the District by the public.

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 Website-District	SWMP notification on District website	1	Article/Post	No. This BMP does not result in a direct reduction of pollutants, but educating the public will indirectly aid in the reduction of pollutants.
		Visits to website	1,911	Views	
1	1.3 Water Bill Posting	SWMP message included in water bill	1	Message	No. This BMP does not result in a direct reduction of pollutants, but educating the public will indirectly aid in the reduction of pollutants.
1	1.6 Monthly Public Meeting	Public comments	12	Meetings	No. This BMP does not result in a direct reduction of pollutants, but providing a forum for public discussion will indirectly aid in the reduction of pollutants.
2	2.1 MS4 Mapping	New internal segments and outfalls added to District Storm Sewer Map	0	Map Update	No. This BMP does not result in a direct reduction of pollutants, but being able to locate storm segments and outfalls for inspections will indirectly aid in the reduction

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
					of pollutants.
2	2.2 Landscaping Practices	Reports of improper landscaping waste disposal	0	Reports	Yes. Community Associations will notify landscaping companies to cease improper disposal methods.
3	3.3 Site Sediment Control Measures	District plan reviews and site inspections	4	Reviews	No. This BMP does not result in a direct reduction of pollutants, but contractors adhering to the District's requirements will indirectly aid in the reduction of pollutants.
			2	Inspections	Yes. This BMP results in a direct reduction in pollutants when applied at construction sites and helps reduce erosion and sediment discharge.
4	4.1 SWMP at Individual Sites	Site inspections	0	Inspections	Yes. This BMP results in a direct reduction in pollutants when applied at construction sites by evaluating operation of implemented post-construction BMPs.
5	5.1 Inventory of MS4 Storm Water Controls	Inspections of District's Storm System including outfalls, inlets	22	Inspections	Yes. This BMP results in a direct reduction of pollutants by alerting the District to any existing or potential improper pollutant discharges.

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	Post article on District website explaining SWMP	Met goal. About 1,911 visits to website were seen for the year.
1	Provide two-page notification of SWMP to Community Associations	Met goal. Publishing in newsletters and on websites represented about 7,788 pages of circulated information.
1,2	Maintain signage encouraging watershed protection at public spaces	Met goal. Maintained signage posted at 3 public space locations.
1	Provide project development procedures, including BMPs to developers	Met goal. Distributed 52 pages of pamphlets to 3 developer groups, and 3 utility letters with 8 pages of SWMP instruction.
1	Provide public forum to allow public input and comment on District's SWMP	Met goal. District held 12 meetings this year with 0 public comments on the SWMP.
2	Update map of MS4 outfalls discharging into receiving streams	Met goal. There were 0 updates to the map required during this Permit Year.
2	Review reported instances of improper landscape waste disposal	Met goal. There were 0 reported instances of improper landscape waste disposal during this permit year. Continue to work with Community Associations to notify landscaping companies of proper disposal methods.
3	Review District's Stormwater Pollution Prevention Plan in new and redevelopments	Met goal. Reviewed 4 development projects of 1 acre and larger for stormwater pollution prevention plan.
4	Review of site plansets to include	Met goal. Reviewed 4 development projects of 1 acre and larger for individual SWMP.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
	individual SWMP	
4	Installed BMPs for Development Projects verified, certified	Met goal. There were no completed development projects verified or awaiting certification during this permit reporting year.
5	Maintained inventory of MS4s stormwater controls	Met goal. There were 0 new development controls added to inventory.
5	Evaluate and implement MS4 controls at designated outfalls, determined by inspections	Met goal. Inspected 22 storm system elements (outfalls, inlets).

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.?

1) There were no additional visual inspections during the reporting period required to be conducted.

2) Monthly mowing of Sugar Grove Detention Pond observed a minimal amount of litter and floatables being collected for disposal each month. The mowing contractor is instructed to collect and remove any litter and floatables.

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.

There were no newly-identified segments which Kingsbridge MUD discharges into added to the latest EPA-approved 303(d) list.

One (1) impaired stream segment that the MS4 discharges into is reported to have elevated bacteria. Keegans Bayou Above Tidal (1007_C_01) does not appear in the EPA-approved 303(d) list, but is listed in the Texas Integrated Report of

Surface Water Quality as a category 4a with an EPA-approved Bacteria TMDL for Brays Bayou Above Tidal and Tributaries (Sept. 2010, updated Jan. 2016).

- 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.

BMPs in the SWMP that address these conditions are site signage and public education about proper pet waste disposal, and proper disposal of landscaping wastes and grass clippings.

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

Public education BMPs were implemented through the District website and in the local Community Association publications regarding pet waste disposal and disposal of landscaping wastes. One Community Association maintains posted signage concerning pet waste disposal at a park area.

- 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
Bacteria	WLA of 207.1B MPN/day	Set by approved BIG	2016

- 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	Education of public on pet waste disposal	Reduce bacteria levels

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

Description of bacteria-focused BMP	Comments/Discussion
Collection and disposal of pet waste by residents	Public education by posting on District website and in Community Association publications.

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
Elevated Bacteria Level	Pet waste disposal has been observed to have become routine. Posting information and reminders on websites and in local Community Association publications has been effective. One community association posted signage and waste cans in park area.

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	Stormwater Activity	Description/Comments
5	5.1 Inventory of MS4 Storm Water Controls	Inspect at least 10 storm elements (outfalls, inlets).	The MS4 will conduct no less than 10 inspections of storm elements (outfalls, inlets) for this next permit year.

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)

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.).

There were no additional changes.

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)

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:

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):

1

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	

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 E. Miller, PE Title: District Engineer

Signature:  Date: 04/19/2023

Name of MS4 Kingsbridge 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.