

April 23, 2023

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 the City of Schertz
TPDES Authorization: TXR040241

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 TXR040241 for the City of Schertz.

The annual report is for Year 5. The reporting period beginning January 24, 2023, and ending January 23, 2024.

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 13 in San Antonio, Texas.

Sincerely,



Steve Williams
City Manager

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040241

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

Annual Reporting Year Option Selected by MS4:

Calendar Year: _____

Permit Year: 2023-2024

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

Reporting period beginning date: (month/date/year) January 24, 2023

Reporting period end date: (month/date/year) January 23, 2024

MS4 Operator Level: 2 Name of MS4: City of Schertz

Contact Name: Steve Williams Telephone Number: 210-619-1000

Mailing Address: 1400 Schertz Parkway, Building 2 Schertz, TX 78154

E-mail Address: steve.williams@schertz.com

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

Region the annual report was submitted to: TCEQ Region 13

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		In compliance with current SWMP and General Permit approved August 2023
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, Outreach, and Involvement	1.01: Brochures and Fact Sheets Schertz Magazine	Yes, BMP is addressed through articles in the city's magazine that reach a large audience.
1: Public Education, Outreach, and Involvement	1.04 Household Hazardous & Bulk Waste Days	Yes, BMP is appropriate for reduction of pollutants because provides an opportunity for residents to dispose of hazardous and bulk waste in manner that ensures proper handling and disposal.
2: Illicit Discharge Detection and Elimination (IDDE)	2.01: Storm Sewer Map	Yes, BMP is appropriate because with an up-to-date map, faster response for source tracking and cleanup in the event of an illicit discharge in the system can be achieved.
3: Construction Site Stormwater Runoff Control	3.03 Construction Site Inspection Program	Yes, Active monitoring of appropriate BMPs on all construction sites not only provides more control of the runoff from individual projects, but also provides more education to the appropriate operators that will be used at other sites for which the operators are responsible.
4: Post-Construction Stormwater Management in New Development and Redevelopment	4.02 Site Review Program for Post-Construction Runoff	Yes, Commercial site plans and construction plans for the reporting period are reviewed for permanent stormwater runoff controls and permitted sites are required to achieve stabilization before closeout to minimize discharge of sediment to outfalls.
5: Pollution Prevention and Good Housekeeping for Municipal Operations	5.05: Street Sweeping	Yes, BMP is appropriate for reducing pollutants in stormwater due to direct removal of sediment and debris from street surfaces.

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	1.04: Household Hazardous & Bulk Waste Days	Cleanup Events for Bulk Waste, Household Hazardous Waste	2	Events	Yes, cleanup events provide an avenue for residents to safely dispose of bulk and hazardous household waste, thus keeping it out of the storm system.
2	2.01: Storm Sewer Map	Outfall Inspections	76	Outfall Inspections	Yes, active inspections means when discharges are observed then tracking and removal can occur.
3	3.02: Construction Plan Review Program	Site Plan and Construction Plan Submittal Reviews	256	Site Plan/ Construction Plan Reviews	No, this is not a direct reduction, but the review of the plans causes BMPs to be included in the planning of the project that if properly installed and maintained will result in reduction of pollutants.
3	3.03: Construction Site Inspection Program	Permit Inspection Records	195	Permit sites inspected	Yes, the inspection of active construction sites and enforcement of installing and maintaining BMPS results in a direct reduction in pollutants.
4	4.02: Site Review Program for Post-Construction Runoff	Site Plan and Construction Plan Submittals	256	Site Plan/ Post Construction Phase	No, although at site plan and final plat (construction plan review) permanent BMPs are assessed and planned for, the inspection program ensures permanent BMPs are installed and maintained.

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	Two Informational Articles or Infographics Published in Schertz Magazine	Exceeded Goal – one article and two infographics published
1	Conduct two City-wide Cleanup Days	Met Goal – two bulk and household hazardous waste clean-up events held
2	Geolocate and Inventory Stormwater Inlets and Outfalls	Met Goal – all new storm sewer systems added to City GIS
3	Review all Site Plans for Compliance (Construction Phase)	Met Goal – reviewed 100% of site plans submitted
3	Perform Construction Site Inspection for all Permitted Sites	Met Goal – inspected 100% of permitted construction sites
4	Review all Site Plans for Compliance (Post Construction)	Met Goal – reviewed 100% of site plans submitted
5	Provide Annual Municipal Staff Training	Met Goal – annual training of field staff completed
5	Sweep All City Streets	Met Goal – swept all streets at least twice in the year

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.?

- Note: The City of Schertz is working toward baseline sampling, however sampling has not yet been conducted. The following activities are strategies used to reduce pollutants to the MEP.
 - The City of Schertz visually inspected trash traps and other areas of concern monthly to ensure floatables and other pollutants do not reach outfalls.
 - Monitored in areas around the City of Schertz where dumping occurs more frequently and called in hotline reports are made.
 - Monitored the sweeping of streets to ensure the reduction of pollutants to the MEP. The goal is to sweep streets monthly to ensure removal of the potential pollutants.
 - Inspections of all construction sites to reduce the discharge of sediment or other pollutants from active job sites.

D. Impaired Waterbodies

1. Identify whether 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.

No new stream segments have been identified.

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 City of Schertz has addressed the pollutant of concern, bacteria, in impaired streams by using targeted BMPs. No TMDLs have been set for the receiving water bodies. Bacteria is targeted through BMPs that keep material that supports the existence of bacteria from being discharged via stormwater. Brochures and fact sheets available on the Storm Water Management webpage and magazine articles and infographics published in the city's magazine educate the public about such discharges and visual inspections identify problem discharges.

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

There are no TMDLs for the receiving streams of the City.

4. Report the benchmark identified by the MS4 and assessment activities:

MS4 has no TMDLs, see Measurable Goals section above.

5. Provide an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark:

There are no TMDLs in the segment of receiving streams of the MS4. The level of effectiveness will be measured by the goals section as described above including the outreach of the magazine articles and brochures, broadening educational/training programs to get information to as many people as practical.

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

Description of bacteria-focused BMP	Comments/Discussion
Various Bacteria focused brochures and fact sheets	Available on website http://schertz.com/167/Storm-Water-Management
Magazine Infographic “Clean Pipes are Green Pipes”	Schertz Magazine July 2023 - Encouraging public to keep food, oils, and grease out of sewer, thus reducing SSOs
Magazine Article Focused on Low Impact Development - Planter Boxes	Schertz Magazine August 2023 – Introduces the use of planter boxes to treat stormwater runoff
Magazine Infographic – Sewer Simon	Schertz Magazine November 2023 – Educates public regarding grease, coffee grounds, and produce stickers and their effect on sewer system

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

See measurable goals section above.

Benchmark Indicator	Description/Comments
Volunteer Project (Bulk, Household Hazardous Waste [HHW] Pickup, Creek Cleanup)	Increased amount of bulk waste and amount of HHW collected from previous year cleanups. Creek cleanups (3 held) are new events created to remove litter and pollutants directly from creek bank and floodway.

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	Stormwater Activity	Description/Comments
1	1.01	Publish Stormwater Magazine Article	Publish at least two educational, informative magazine articles and/or infographics on stormwater topics
1	1.04	Conduct two City-wide waste collection events	Conduct two city-wide bulk and household hazardous waste collection events for residents
2	2.01	Update Storm Sewer Map	Update map to include newly developed storm sewer infrastructure
3	3.03	Construction Site Inspection	Continue conducting construction site inspections on 100% of regulated construction activities
5	5.02	Municipal Employee Training	Provide training for all field personnel and hotline staff. Provide good housekeeping training for new employees in high-risk facilities.

F. SWMP Modifications

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

Yes

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.

No changes since NOI for 2019-2024 General Permit. Changes approved in recently approved (August 2023) SWMP (2019-2024) have been implemented.

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)
		No changes currently proposed.

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

No additional changes proposed to current SWMP.

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.

No additional changes proposed for this SWMP.

H. Additional Information

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

No

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

No

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

N/A

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)

195

- 2a. Does the permittee utilize the optional seventh MCM related to construction?

No

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): Steve Williams Title: City Manager

Signature:  Date: 4/23/24

Name of MS4: City of Schertz

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.