

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: *TXR040149*

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

Annual Reporting Year Option Selected by MS4:

Calendar Year: *X*

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: *City of Leander*

Contact Name: *Patrick Wells* Telephone Number: *512-285-0055*

Mailing Address: *PO Box 319 Leander TX 78646*

E-mail Address: [*pwells@leandertx.gov*](mailto:pwells@leandertx.gov)

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

Region the annual report was submitted to: *TCEQ Region 11, Austin*

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.	<i>X</i>		<i>The City continually works to complete all BMPs approved in the SWMP.</i>
Permittee is currently in compliance with recordkeeping and reporting requirements.	<i>X</i>		<i>The City keeps all documentation needed for proof of BMP completion.</i>

Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	X	<i>Edwards Aquifer requirements are enforced during pre-construction plan reviews.</i>
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	X	<i>The SWMP has been reviewed & is consistent with the requirements of the annual report submittal.</i>

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)
<i>1. Public Education, Outreach & Involvement</i>	<i>3. Storm Drain Medallions</i>	<i>Yes, "No dumping drains to creek" medallions are required in all new developments. New residential citizens are educated on the effects of pollution prevention.</i>
<i>2. IDDEP</i>	<i>1. Storm Sewer System Map</i>	<i>Yes, The map shows the location of all storm sewer inlets and outfalls within the City and the locations of all receiving water bodies/creeks that receive discharges from the outfalls. The map will be updated once a year at a minimum with system expansions.</i>
<i>3. Construction Site Storm Water Runoff Control</i>	<i>2. Construction Site Inspection</i>	<i>Yes, inspectors continue to enforce permit provisions per the Construction General Permit (CGP.) Staff inspects construction-phase erosion/sediment controls at all known permitted development sites to verify proper BMPs.</i>
<i>4. Post Construction Storm Water Management</i>	<i>1. Requirement of Pond Maintenance Plans</i>	<i>Yes, the maintenance plans provide the City with methods of enforcement & documentation on privately maintained ponds that are malfunctioning and in need of repair.</i>

<i>5. Pollution Prevention/Good Housekeeping Operations</i>	<i>6. Inspect Water Quality and Detention Ponds</i>	<i>Yes, continued routine inspection and frequent maintenance protects a pond, keeps it functional, and extends its useful life.</i>
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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?
<i>1</i>	<i>1</i>	<i>General Stormwater Pollution Education</i>	<i>29,584</i>	<i>Brochures</i>	<i>No, though this BMP does not result in a direct reduction of pollutants, educating the citizens will eventually reduce litter, hence pollutants. Attachment 1A</i>
<i>2</i>	<i>6</i>	<i>Residential Spring Clean Up Event</i>	<i>Petroleum 285 Waste Water 47 Antifreeze 36</i>	<i>Gallons</i>	<i>Yes, this provides a method for citizens to properly dispose of materials that are hazardous to the environment. Attachment 2A</i>
<i>3</i>	<i>1</i>	<i>Plan Reviews</i>	<i>106 plans reviewed in 2021 (Engineering)</i>	<i>Plan Reviews</i>	<i>Yes, plan review procedures incorporate consideration of potential water quality impacts, erosion/sediment controls, and soil stabilization. These measures contribute to a direct reduction in pollutants generated from construction activity.</i>

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.
1	Implement any changes to existing educational material if necessary.	<u>Met goal</u> - No additional educational materials were developed as the current materials suffice in meeting this requirement.
1	Review and update Stormwater Pamphlets	<u>Met goal</u> - A mailout was conducted to the City's water customers that included the After the Storm pamphlet. Attachment 1A
1	Require Storm Drain Medallions	<u>Met goal</u> - The City ensures that medallions are included in plans.
1	Comply with State and Local Public Notice Requirements	<u>Goal not met</u> - The SWMP must be approved by the TCEQ before posting it in the local paper.
1	Provide Information Regarding the SWMP on the City's Website	<u>Met goal</u> - The City's Water Quality Webpage is continuously updated to include informal MS4 educational items. Items include a program email: stormwater@leandertx.gov , a reporting hotline, & illicit discharge information as well.
1	Conduct an Annual Cleanup Day	<u>Met goal</u> - An annual cleanup day was conducted on October 9, 2021. Attachment 1B
2	Update the MS4 map with new developments and any changes.	<u>Met goal</u> - The City continues to update the MS4 map annually.
2	Train staff on illicit discharges and connections	<u>Met Goal</u> - Training Roster Attachment: 2A & 2B
2	Procedures for Responding to Illicit Discharges and Spills	<u>Met goal</u> - The procedures remain in effect.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved.
2	Illicit Discharge Detection and Elimination Ordinance Modifications	<i><u>Met Goal</u> - Ordinance modifications were not necessary during the current reporting period.</i>
2	Source Investigation, Elimination and Inspections of Illicit Discharges	<i><u>Met goal</u> - The City utilizes procedures for responding to complaints regarding illicit discharges with on-site initial inspections and follow-up inspections to ensure corrective actions have taken place.</i>
2	Sanitary Sewer Overflows Maintenance and Cleaning	<i><u>Met Goal</u> - The City conducts smoke testing on an annual basis. Attachment 2C</i>
3	Assess Plan Review Procedures	<i><u>Met Goal</u> - No modifications were necessary during the current reporting period.</i>
3	Inspect active construction projects	<i><u>Met Goal</u> - The City inspects erosion/sediment controls prior to start of construction, active construction, & post-construction final acceptance inspections. 55 Inspections Conducted</i>
3	Information Submitted by the Public	<i><u>Met Goal</u> - The City has a webpage/email that allows citizens to submit information. Complaints are logged into the database.</i>
3	MS4 Training Tracking System for Staff	<i><u>Met Goal</u> - A training log has been implemented and will be updated each subsequent year during the permit term. The log is software based and records all MS4 training.</i>
4	Require Maintenance Plans for Privately Owned Ponds	<i><u>Met Goal</u> - All new privately maintained ponds are required to submit maintenance plans per TCEQ requirements. The plans are kept on file with the City and Williamson County Real Property Records.</i>

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved.
4	Implement Document Retention Program Modifications as necessary.	<u>Met Goal</u> - The City retains all non-compliant case records & creates a file for each specific case. Violators are notified through Code Enforcement &/or inspection reports. This correspondence creates a record of notification and emphasizes compliance. 5 total illicit discharge cases were reported by Code Enforcement
5	City Facilities Inventory	<u>Met Goal</u> - An inventory of City facilities is kept in the MS4 software files.
5	Implement updates to the training program if necessary.	<u>Met Goal</u> - Training was conducted in person on 09/15/21, updates to the material in the current reporting period. - Attachment 2B
5	<u>Waste Disposal Compliance:</u> update as necessary & review tracking worksheet annually.	<u>Met Goal</u> - Vac Tron truck waste is hauled off and disposed of by a private company. All disposal is performed in accordance with state regulations.
5	Assessment of City Owned Facilities	<u>Met Goal</u> - Facilities that are susceptible to illicit discharges are inspected & recorded annually.
5	Contractor Requirements & Oversight	<u>Met Goal</u> - No new requirements or changes in year 2.
5	Inspect Water Quality and Detention Ponds	<u>Met Goal</u> - City maintained ponds are inspected & recorded annually. 44 inspections conducted 2021

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 City relies on the LCRA and TCEQ monitoring data for both Segment 1244 Brushy Creek and Segment 1250 South Fork San Gabriel River. LCRA continues to monitor these two waterways for indications of water quality being affected & TCEQ assesses these waterways every 2 years as part of updating the Texas Water Quality Inventory and 303(d) List. The City's stormwater ordinance requires violators to cover any expenses incurred regarding abatement and submittal of water quality samples for laboratory testing. Inlets are cleaned by using a City owned Vac-Tron vehicle. Street sweeping & illicit discharge enforcement are ongoing activities in reducing discharges to the MEP.

D. Impaired Waterbodies

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

The waterways that flow through the jurisdictional area of the City of Leander include the South Fork of San Gabriel River, Brushy Creek, Mason Creek, and Block House Creek, which ultimately flow to the Brazos River, with a small portion of the City inside the Colorado River watershed. Currently the portions of these water bodies that accept storm water discharges from the City of Leander are not listed as impaired by the TCEQ or EPA.

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	Stormwater Activity	Description/Comments
<i>1 Public Edu, Outreach, Involvement</i>	<i>1</i>	<i>Assess current Program & Implement Necessary Changes</i>	<i>Develop additional educational material.</i>
<i>1</i>	<i>2</i>	<i>Stormwater Pamphlets</i>	<i>Make pamphlet available to the public at City Hall.</i>
<i>1</i>	<i>3</i>	<i>Storm Drain Medallions</i>	<i>Review new construction plans, ensure that medallions are included in plans.</i>
<i>1</i>	<i>4</i>	<i>SWMP Information on Website</i>	<i>Post a copy of the City's current SWMP & annual report on the website. - The City is still awaiting direction from TCEQ for this.</i>
<i>1</i>	<i>5</i>	<i>Public Notice of SWMP</i>	<i>If available, publish public notice for the SWMP/NOI in a newspaper of general circulation within the City of Leander.</i>
<i>1</i>	<i>6</i>	<i>Annual Cleanup Event</i>	<i>Conduct an annual "cleanup" event engaging the public in properly disposing of items normally not accepted by regular waste disposal methods.</i>
<i>2 IDDEP</i>	<i>1</i>	<i>Maintain Storm Sewer System Map</i>	<i>Update the map with new developments & any changes.</i>
<i>2</i>	<i>2</i>	<i>Education/Training Field Staff</i>	<i>Provide annual training to appropriate staff.</i>
<i>2</i>	<i>3</i>	<i>Source Investigation</i>	<i>Review current procedures, make any needed changes.</i>

2	4	Public Reporting Illicit Discharges	Assess current public reporting method and record modifications.
2	5	IDDEP Ordinance	Review and revise any ordinances based on evaluations.
2	6	Sanitary Sewer Overflows/Cleaning	Smoke test 20% sanitary system connections.
3 Construction	1	Construction Plan Review	Perform plan reviews; report any changes in annual report. Review 100% engineering plans.
3	2	Construction Site Inspections	Inspect 100% active engineering construction projects over 1 acre & update written procedures.
3	3	Information Submitted by Public	Maintain procedures for public info submittal.
3	4	Track annual staff training & record data.	Continue to track annual training & record data.
4 Post Construction Stormwater Management	1	Private Pond Maintenance Plans	Continue requiring maintenance plans for all privately maintained ponds, per TCEQ regulations.
4	2	Document Retention/Enforcement Actions	Retain 100% of all enforcement documents related to stormwater non-compliance.
5 Municipal Ops	1	Facilities Inventory	Assess the inventory of facilities and modify needed changes.
5	2	Update Training Program	Implement updates to the training program if necessary.
5	3	Waste Disposal Compliance	Update and review disposal invoices annually.

5	4	<i>Contractor Oversight</i>	<i>Propose any new document or ordinance changes.</i>
5	5	<i>Pollution Prevention Measures</i>	<i>Inspect 100% of applicable City facilities pollution prevention measures.</i>
5	6	<i>Assessment of City-owned Operations</i>	<i>Perform inspections of the pollution prevention measures for effectiveness.</i>
5	7	<i>Inspect Water Quality & Detention Ponds</i>	<i>Inspect half of the City owned water quality and detention ponds; perform needed maintenance. Record and file the inspections.</i>

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)
<i>NA</i>	<i>NA</i>	<i>NA</i>

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.). *NA*

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)
NA	NA	NA	NA

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).

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

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):

106 - Attachment 2D

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: *NA*

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): _____ Title: _____

Signature: _____ Date: _____

Name of MS4 _____

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.