

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040076

Reporting Year (year will be either 1, 2, 3, 4, or 5): 2021

Annual Reporting Year Option Selected by MS4:

Calendar Year: X

Permit Year: N/A

Fiscal Year: N/A

Reporting period beginning date: (month/date/year) January 1, 2021

Reporting period end date (month/date/year) December 31, 2021

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

Contact Name: Haley Koehler Telephone Number: 940-498-7501

Mailing Address: 3300 Corinth Pkwy, Corinth, TX 76208

E-mail Address: haley.koehler@cityofcorinth.com

A copy of the annual report was submitted to the TCEQ Region YES X NO
Region the annual report was submitted. TCEQ Region 4

B. Status of Compliance with the MS4 GP and SWMP

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

	Yes	No	Explain
Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.	X		All BMP's were completed for 2021
Permittee is currently in compliance with recordkeeping and reporting requirements.	X		All Documented Activities are on file

Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.)	X	Requirements were met
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2. Provide a general assessment of the appropriateness of the selected BMPs. You may use the table below:

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 on Storm Water Impacts	#1-Distribute Educational Material #2-Web Site #3-Stormwater Reporting Line #4-Waste Cleanup	Yes. Information from educational materials, City web site, stormwater reporting line and the waste cleanup programs have helped reduce the discharge of pollutants.
2: Illicit Discharge Detection and Elimination	#3-Stormwater Reporting Line #5-Illicit Discharge Prohibition/Elimination Ordinance #6-Storm Sewer System Map #7-IDDE Training #8-IDDE Response, Investigation, and Inspections #9-Spill Response #10-OSSF Procedures	Yes. The Ordinance provides the authority to enforce illicit discharges. Each storm drain inlet and outfall has been mapped and given an individual serial number on Corinth's GIS software. Field screening of outfalls has improved sediment removal and litter. Corinth lacks significant industrial activities and have not detected a significant illicit discharge. Spill responses are reported and documented. No. There are no city ordinances for monitoring OSSF's.
3: Construction Site Stormwater Runoff Control	#3-Stormwater Reporting Line #11- Erosion Control Ordinance and Requirements for Construction Site Contractors #12-Erosion Control Plan Review #13-Construction Site Inspection and Enforcement #14-Engineering and Construction Staff Training	Yes. Since the implementation of the Storm Water Ordinances, our inspectors have conducted routine inspection of erosion control structures and requirements for cleaning and repair, this has reduced the amount of silt into the storm water system. Plan reviews and training have also contributed to fewer possibilities of illicit discharges.
4: Post Construction Stormwater Management	#15-Post-Construction Stormwater Ordinance #16-Development Review #17-Structural Control Maintenance	Yes. Ordinances and development reviews provide opportunities to avoid illicit discharges. Inspection of structural controls such as our retention/detention ponds and inlet boxes has resulted in more litter and silt removal before moving down stream.
5: Pollution Prevention and Good Housekeeping	#17-Structural Control Maintenance #18-Inventory of Facilities and Stormwater Controls #19-Employee Training #20-Disposal of Collected Waste #21-Contractor Oversight Procedures #22-Municipal Operations and Maintenance Activity	Yes. Inspection of structural controls and continued training of appropriate staff has aided in pollution prevention and proper storage of municipally owned chemicals. Procedures for properly disposing of waste materials are in place with contracted on-demand service for Hazardous materials pick up, debris collected from street sweeping taken by contracted street sweeping company and debris removed from storm inlets disposed of into on-site 30-yard containers removed by contracted trash company.
6: Industrial Stormwater Sources – IF APPLICABLE	DOES NOT APPLY TO CORINTH - (Population under 100,000)	N/A

3. Describe progress towards reducing the discharge of pollutants to the maximum extent practicable. Summarize any information used (such as visual observation, amount of materials removed or prevented from entering the MS4, or if required monitoring data, etc.) to evaluate reductions in the discharge of pollutants. You may use the table:

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain.)
1.	#1- Distribute Educational Material #2- Web Site #3- Stormwater Reporting Line #4- Waste Cleanup	Education, litter/chemical removal	44,113	Pounds	Yes. Education has increased use of proper chemical/trash disposal programs, thus reducing the possibility of pollutants. Volunteer clean up events contribute to the decreased possibility of pollutants. On-Demand pick up for Household Hazardous Waste provided from Community Waste Disposal as part of contracted trash services contributes to a decreased possibility of pollutants.
2.	#3- Stormwater Reporting Line #5- Illicit Discharge Prohibition/Elimination Ordinance #6- Storm Sewer System Map #7- IDDE Training #8- IDDE Response, Investigation, and Inspections #9- Spill Response #10- OSSF Procedures	Inspections	954	Inspections	Yes. Ongoing training, reporting and inlet/outfall inspections have directly reduced pollutants. Monitoring OSSF falls under TCEQ DFW Region 4 jurisdiction. A copy of active residences with septic systems, obtained from TCEQ DFW Region 4 is kept in the Storm Water Management files.
3.	#3- Stormwater Reporting line #11- Erosion Control Ordinance and Requirements for Construction Site Contractors #12- Erosion Control Plan Review #13- Construction Site Inspection and Enforcement #14- Engineering and Construction Staff Training	Inspections	63	Inspections	Yes. There were 27 Inspections with corrective actions.
4.	#15- Post-Construction Stormwater Ordinance #16- Development Review #17- Structural Control Maintenance	Reviews	6	Reviews	Yes. Development reviews as well as inspections and maintenance to structural controls assists in pollution prevention.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain.)
5.	#17-Structural Control Maintenance #18-Inventory of Facilities and Stormwater Controls #19-Employee Training #20-Disposal of Collected Waste #21-Contractor Oversight Procedures #22-Municipal Operations and Maintenance Activity	Street Sweeping and Collected Waste	204,000	Pounds	Yes. Collected waste properly disposed of reduces opportunity of pollutants.

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. Public Education and Outreach on Storm Water Impacts	BMP#1-Distribute Educational Material BMP#2-Web Site BMP#3-Stormwater Reporting Line BMP#4-Waste Cleanup	We met our goal by distributing 1200 brochures to residents that reside in apartment complex through utility bill inserts and provided URL link to 7387 utility accounts, educational information on the City website and brochures left for public reference at the Utility Billing counter at City Hall. We met our goal of supporting trash cleanups for the city annually. 35 volunteers participated on 11/13/21, 5.83 tons of trash was collected and picked up by Community Waste Disposal. There was 44,113 pounds of household chemicals and recyclable items collected and disposed of with 593 households participating in the HHW/Recycling program provided by Community Waste Disposal. We received 37 calls on the dedicated Stormwater Reporting Line with 27 that applied was documented in the Stormwater work order logs.
2. Illicit Discharge Detection and Elimination (IDDE)	BMP#6-Storm Sewer System Map BMP#7-IDDE Training BMP#8-IDDE Response, Investigation, and Inspections	We met our goal with 100% of outfalls identified on GIS mapping. Inspector training; StormwaterONE – Texas Construction General Permit, Principles and Practices of Erosion Control, Sediment Control, Pollution Prevention, On-Site Construction Inspections Jan Cole – 04/17/2021 Jeffery Hyde – 04/17/21 All outfalls to creeks and ponds were checked and cleaned monthly during the past year, including after rain events on as needed basis.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved If goal was not accomplished, please explain
3. Construction Site Stormwater Runoff Control	BMP#11-Erosion Control Ordinance and Requirements for Construction Site Contractors BMP#13-Construction Site Inspection and Enforcement BMP#14-Engineering and Construction Staff Training	<p>The goal was met with Builders Handbook packets given to builders/developers, and counter copies of the Stormwater, Erosion Control, and Illicit Discharge Ordinances. Counter copies of 'Developing your SWPP' located at City Hall and at the Lake Cities Chamber of Commerce. Various fact sheets related to construction site BMP's (from EPA) were distributed in the Builders meetings along with copies provided to same counters as previously listed. 'Keep It Clean' brochures were provided to same counters as previously listed. 'Affordable Construction Compliance' (Stormwater Compliance) brochures were provided to same counters as previously listed. During the annual Builders meeting brochures were distributed. Ordinances related to SWPP are on the website as reference material, and Inspectors discuss requirements in the field with the construction personnel.</p> <p>No citations were written for illicit discharge by Code Enforcement. Daily construction site inspection for erosion control done by Inspectors.</p>
Post Construction Stormwater Management in New Development and Redevelopment	BMP #15-Post Construction Stormwater Ordinance BMP #16-Development Review	<p>Yes – The Post Construction Stormwater Ordinance requirements are contained in the Illicit Discharge and Erosion Control Ordinances. No additional ordinance is required. We met our goal with the Storm Water Master Plan, an element in the City's Comprehensive Plan. The City Council adopted the Upper Trinity Resolution, and it is being considered during the evaluation of current and future land uses by the comprehensive planning advisory committee.</p>
Pollution Prevention and Good Housekeeping for Municipal Operations	BMP #17-Structural Control Maintenance BMP #18-Inventory of Facilities and Stormwater Controls BMP #19-Employee Training BMP #20-Disposal of Collected Waste BMP #21-Contractor Oversight Procedures BMP #22-Municipal Operations and Maintenance Activity	<p>Yes – We met our goal by contracting Sweeping Services of Texas OP, LP for street sweeping and services as needed, such as sweeping after inclement weather events. Community Disposal Waste properly disposes of collected waste. Inspections of municipal operations has shown success in areas of Good Housekeeping. Inspectors monitor contractor activities during and post construction to ensure compliance to stormwater control measures and that procedures are being enforced.</p> <p>Training of Public Works employees – NCTCOG Online Training Portal, 9 training videos (<i>Intro to Stormwater Pollution Prevention, Fleet Maintenance and Materials Handling, Streets and Drainage Maintenance, Construction Activities and Land Disturbances, Parks and Grounds Maintenance, Solid Waste Operations, Sanitary Sewer Overflows (SSO's), Potable Water Discharges and Spotting and Reporting Stormwater Pollution</i>) 24 employees watched videos between December 10 through December 13, 2021, as well as flyers distributed 'Be Part of the Solution to Stormwater Pollution' provided by DAS Mfg., Inc.</p>

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.? (Refer to the MS4 General Permit TXR040000 Part IV Section B.2.(b))

All inlets and outfalls are checked monthly for illicit discharges and debris and are cleaned, including after weather events by Park Maintenance and Drainage departments. Streets are cleaned quarterly and after weather events as needed to reduce the discharge of pollutants by a contracted service.

D. Impaired Waterbodies

1. 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: (Refer to MS4 General Permit TXR040000 Part IV Section B.2.(c))

Corinth does not discharge into any impaired water bodies

2. Describe the implementation of targeted controls if the small MS4 discharges to an impaired water body with an approved TMDL (Refer to the MS4 General permit TXR040000; Part II Section D.4.(a)):

Does not apply.

3. Report the benchmark identified by the MS4 and assessment activities (Refer to the MS4 General permit TXR040000; Part II Section D.4.(a)(6)):

Benchmark Parameter <i>(Ex: Total Suspended Solids)</i>	Benchmark Value	Description of additional sampling or other assessment activities	Year(s) conducted
N/A		NO IMPAIRED WATER BODIES	
N/A		NO IMPAIRED WATER BODIES	
N/A		NO IMPAIRED WATER BODIES	

4. Provide an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark (Refer to the MS4 General permit TXR040000; Part II Section D.4.(a)(4)):

Benchmark Parameter	Selected BMP	Contribution to achieving Benchmark
N/A	NO IMPAIRED WATER BODIES	
N/A	NO IMPAIRED WATER BODIES	
N/A	NO IMPAIRED WATER BODIES	
N/A	NO IMPAIRED WATER BODIES	

5. If applicable, report on focused BMPs to address impairment for bacteria (Refer to the MS4 General Permit TXR040000; Part II Section D.4.(a)(5)):

Description of bacteria-focused BMP	Comments/Discussion
NO IMPAIRED WATER BODIES	
NO IMPAIRED WATER BODIES	
NO IMPAIRED WATER BODIES	
NO IMPAIRED WATER BODIES	

6. Assess the progress to determine BMP's effectiveness in achieving the benchmark (Refer to the MS4 General Permit TXR040000; Part II.D.4. (a)(6)):

For example, the MS4 may use the following benchmark indicators:

- number of sources identified or eliminated;
- decrease in number of illegal dumping;
- increase in illegal dumping reporting;
- number of educational opportunities conducted;
- reductions in sanitary sewer flows (SSOs)
- increase in illegal discharge detection through dry screening

Benchmark Indicator	Description/Comments
N/A	N/A

Benchmark Indicator	Description/Comments
N/A	N/A

E. Stormwater Activities

Describe stormwater activities the MS4 operator plans to undertake during the next reporting year. You may use the table below (Refer to the MS4 General Permit TXR040000 Part IV Section B.2. (d)):

MCM(s)	BMP	Stormwater Activity	Description/Comments
Public Education and Outreach on Involvement	1,2,3,4,	Provide public educational materials and volunteer opportunities	See attached brochures and documents.
Illicit Discharge Detection and Elimination	3,5,6,7,8,9,10	Education, storm sewer system inspections, map updates.	Continued BMP applications
Construction Site Runoff Control/ Post Construction Storm Water Management	3,11,12,13,14,15,16,17	Continued erosion control inspections/enforcement. Engineer and construction staff training	All training and educational materials are up to date. Ordinances are in place and actively enforced by Code Enforcement/Public Works Inspectors.
Pollution Prevention and Housekeeping for Municipal Operations	17,18,19,20,21,22	Contractor oversight. Maintenance of municipal structural controls. Inventory of facilities. Employee training.	Inventory of facilities and storm water controls will be conducted within permit requirements and will begin January 2022. Continued employee training & education.

F. SWMP Modifications

1. 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 (Refer to the MS4 General Permit TXR040000 Part IV Section B.2.(e)):

MCM(s)	Measurable Goal(s) or BMP(s)	Implemented or Proposed Changes (Submit NOC as needed)
No Changes Proposed	No Changes Proposed	No Changes Proposed
No Changes Proposed	No Changes Proposed	No Changes Proposed
No Changes Proposed	No Changes Proposed	No Changes Proposed
No Changes Proposed	No Changes Proposed	No Changes Proposed
No Changes Proposed	No Changes Proposed	No Changes Proposed

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.

2. 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 (Refer to the MS4 General permit TXR040000 Part IV Section B.2.(f)).

BMP	Description	Implementation Schedule (Start Date etc.)	Status / Completion Date (completed, in progress, not started)
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

I. Construction Activities

1. The number of construction activities that occurred in the jurisdictional area of the MS4 (Notices of intent and site notices received; Refer to the MS4 General Permit TXR040000 Part IV Section B.2. (h)) 4

2a. Does the permittee utilize the optional 7th MCM related to construction?

Yes No

2b. If 'yes,' then provide the following information for this permit year (refer to the MS4 General Permit TXR040000 Part IV Section B.2.(i)):

The number of municipal construction activities authorized under this general permit	0
The total number of acres disturbed for municipal construction projects	0

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

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): Bob Hart Title: City Manager

Signature: _____ Date: _____

Name of MS4 City of Corinth

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name of MS4

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name of MS4

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name of MS4

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name of MS4

Note: 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).