

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040124 Annual Reporting Year: (calendar year, permit year, or fiscal year): 2017 Last day of fiscal year, if applicable: N/A

MS4 Operator Level: Phase II Name of MS4/Permittee: Ellis County

Contact Name: Joseph Jackson Telephone Number: (972) 825-5165

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B. Narrative Provisions (Part IV Section B.2.(a))

Provide information on the status of complying with permit conditions: (Part V - Standard Permit Conditions):

	Yes	No	Explain
Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.		✓	Not all cost effective BMPs have been implemented due to budget constraints.
Permittee is currently in compliance with recordkeeping and reporting requirements.	✓		
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.)	✓		

1. Provide a general assessment of the appropriateness of the selected BMPs. Use table below or attach a summary, as appropriate (See Example 1 in instructions):

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.
3-1: Public Education & Outreach	Distribute and Advertise Educational Material	Yes, stormwater pollution education was extended to the public at multiple public events (Lawn and Garden Expo, Emergency Preparedness Fair).
3-1: Public Education & Outreach	Purchase and Develop Educational Material	Yes, updated material obtained and provided for new/further educational purposes.
3-2: Public Involvement & Participation	Open Meetings and Citizens Reports	Yes, several Citizen Reports were received and allocated to appropriate Road and Bridge Precinct for proper handling.
3-3: Illicit Discharge & Elimination	Urbanized Area Map & Annual Outfall Inspection	Yes, 31 sites were inspected and documented.
3-3: Illicit Discharge & Elimination	On-site Sewer Facilities	Yes, 145 facilities were permitted in the MS4 jurisdiction during this term. 42 facilities in MS4 jurisdiction received complaints. All 42 complaint locations were inspected and corrected.
3-4: Construction Site Run-off	NOI and Site Notice File for Construction	Yes, 1 construction NOI was filed in the Operator's MS4 jurisdiction during this permit term.
3-5: Post Construction Storm Water Management in New & Redevelopment	Subdivision Rules & Regulations Rewrite	Yes, the revised rules (including Drainage Design Manual) are currently under review by the Assistant District Attorney. This is an ongoing BMP.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.
3-6: Pollution Prevention/Good Housekeeping for Municipal Operations	County Operations Survey, and Selection and Implementation of Good Housekeeping BMPs	Yes, however, the survey was not completed this permit year. Good housekeeping BMPs were implemented into all Precinct locations during multiple visits this permit term.
3-6: Pollution Prevention/Good Housekeeping for Municipal Operations	Proper Waste Disposal	Yes, each Precinct completes a monthly waste disposal log for documentation. Logs were collected from Precincts 1 and 2 this permit term.
3-6: Pollution Prevention/Good Housekeeping for Municipal Operations	Employee Training	Yes, an educational presentation is conducted at all four Precincts to the staff for stormwater education.

- Describe progress towards reducing the discharge of pollutants to the maximum extent practicable. Summarize any information used (such as monitoring data) to evaluate reductions in the discharge of pollutants. Use a table or attach a narrative description as appropriate:

The Operator participated in the annual Ellis County Emergency Preparedness Fair in downtown Ennis, TX as well as the Lawn and Garden Expo coordinated by the Master Gardener’s Association at the Waxahachie Civic Center. At the Emergency Preparedness Fair, the Operator provided handouts and conversed with the public for open meetings and complaints. At the Lawn and Garden Expo, the Operator used a watershed model to demonstrate the path of pollutants to streams and lakes following a storm event. This year, the Operator not only updated the educational handouts to include rainwater harvesting and other educational materials but also updated signage and décor to boost the stormwater pollution education objective.

MCM	BMP	Parameter	Quantity	Units	Does BMP Demonstrate a Direct Reduction in Pollutants? (Yes / No / Explain)
1	Distribute Stormwater Educational Materials	Distribute educational material such as crosswords, word searches, and more	150	Various materials	No, but provides education in helping to prevent pollution.
1	Purchase and Develop Stormwater Educational Materials	Updated and obtained new material for distribution: bookmarks, coloring books, and more	150	Various materials	No, but provides new education material in helping to prevent pollution.
2	Open Meetings and Citizen Reports	Providing opportunity for public reporting and comment on storm water concerns	<15	Comments received	Yes, an illicit discharge can be contained or minimized through a citizen report.
3	Urbanized Area Map & Annual Outfall Inspection	Create and maintain MS4 area map and inspection of outfalls in the MS4 area	1 map, 31, outfall inspections See Attached	Maintain and utilize map, inspections	No, but the map helps identify areas of concern. Yes, inspections ensure proper BMP implementation and help reduce pollutants.
3	On-site Sewer Facilities	Require permitting for new on-site sewage facilities	145	Septic permits in MS4 Jurisdiction	Yes, requiring permits for proper septic design helps prevent illicit discharge.

4	NOI and Site Notice File for Construction	Submitted NOIs are kept on file for large construction activity	1	NOIs in MS4 jurisdiction	No, but documenting ongoing construction activity will accommodate inspection procedure.
5	Subdivision Rules & Regulations Rewrite	Updating County Subdivision Rules and Regulations	Ongoing activity	Ongoing activity	No, but more stringent drainage requirements for development will minimize illicit discharge.
6	County Operations Survey, and Selection and Implementation of Good Housekeeping BMPs	Conduct County facilities and operations surveys and using appropriate structural controls during in-house activities	Ongoing activities	Ongoing activities	No, but the surveys encourage minimal impacts on stormwater. Yes, good housekeeping BMPs help prevent storm water pollution.
6	Proper Waste Disposal	Each Precinct operates and maintains a annual waste disposal log	Ongoing activity (4 waste logs per year)	Waste Disposal Logs	Yes, disposing of trash/debris helps reduce pollutants in streams.
6	Employee Training	Storm water staff conducts annual educational seminars at all four Precincts	Ongoing activity (4 per year) Did not complete this year	Seminars	No, but training employees will help identify and prevent future illicit discharges.

3. Provide the measurable goals for each of the MCMs, and an evaluation of the success of the implementation of the measurable goals (See Example 2 in instructions):

MCM(s)	Measurable Goal(s)	Success
1	Distribute 250 Smartscape CDs & 500 bookmarks	Met Goal: Bookmarks, word searches, crossword puzzles, rainwater harvesting, and other materials were distributed throughout the year. The Smartscape CDs are no longer available as mentioned in previous reports.
1	Establish links to the Texas Smartscape website and NCTCOG Storm Water Planning Web Page	Met Goal
1	Develop educational material and conduct activities with the Master Gardener's Association	Met Goal
1	Place Annual Report on Commissioners' Court Agenda	Met Goal
2	Citizens Reports	Met Goal
2	Develop Urbanized Area Map and monitor 20 Locations	Exceeded Goal, inspected 31 outfall locations this permit period (same as previous year).
2	Investigations and Illegal Dumping Team	Met Goal, Example: Worked with Fire Marshal office and other city entities to ensure clean up at illegal dump site.
4	Develop NOI and Site Notice file for construction activities & conduct voluntary site inspections	Met Goal
6	Conduct County Operations Survey, and selection and implementation of Good Housekeeping BMPs	Met Goal, Example: Inspected County bridge construction site at R&B Precinct 2 and 4 to ensure erosion control measure were installed and implemented.

MCM(s)	Measurable Goal(s)	Success
6	Documentation of waste and disposal	Partially met goal, Precincts 2 & 4 submitted annual report. Will complete May of 2018.
6	Employees receive annual training on one new educational item	Met Goal, stormwater staff attended 2017 TFMA Fall Technical Summit and attended TCEQ presentations for general permit and small MS4 updates.

C. Stormwater Monitoring Data (Part IV Section B.2.(b))

1. The MS4 has conducted monitoring of stormwater quality and submitted in the annual report (i.e. analytical and visual observations).

Yes No

- a. Explain below or attach a summary to submit along with any monitoring data used to evaluate the success of the SWMP at reducing pollutants to the maximum extent practicable. Be sure to include a discussion of results:

As part of the Operator’s measurable goals, 20 outfall locations are to be monitored each permit year. The Operator monitored 31 sites this permit period. No illicit discharge was observed during the monitoring and therefore no water quality tests were performed. At the 31 locations, trash and brush debris were observed and reported to the appropriate R&B Precinct for pick up and disposal. Waste disposal reports are logged annually by each Precinct for documentation. See attached MS4 Outfall Inspections 2016 list.

D. Impaired Waterbodies (Part IV Section B.2.(c))

1. If applicable, explain below or attach a summary of 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:

Not Applicable. Currently, there are no impaired waterbodies in the Operator’s jurisdiction that are listed in the Texas 303(d) List or the Index of All Impaired Waters.

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

N/A

3. Report the benchmark identified by the MS4 and assessment activities (*Part II Section D.4.(a)(6)*):

N/A

4. Provide an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark (*Part II Section D.4.(a)(4)*):

N/A

4. If applicable, report on focused BMPs to address impairment (*Part II Section D.4.(a)(5)*):

N/A

6. Describe progress in achieving the benchmark (*Part II.D.4.(a)(6)*):

N/A

E. Stormwater Activities (Part IV Section B.2.(d))

Describe any stormwater activities the MS4 operator has planned for the next reporting year. Use the table or attach a summary, as appropriate:

MCM(s)	BMP	Stormwater Activity	Description/Comments
3-1: Public Education & Outreach	Ellis County Emergency Preparedness Fair	Update educational handout material	The goal is to find new material every year if applicable.
3-1: Public Education & Outreach	Ellis County Lawn and Garden Expo	Update educational handout material	The goal is to find new material every year if applicable.

F. SWMP Modifications (Part IV Section B.2.(e))

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:

N/A

G. Additional BMPs (Part IV Section B.2.(f))

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.

N/A

H. Additional Information (Part IV Section B.2.(g))

1. Is the permittee relying on another entity/ies to satisfy some of its permit obligations?

Yes No

If 'Yes,' provide the name(s) of other entity/ies and an explanation of their responsibilities (add more spaces or pages if needed):

N/A

- 2.a. Is the named permittee sharing a SWMP with other entities?

Yes No

I. Construction Activities (Part IV Section B.2.(h-i))

1. The number of construction projects in the jurisdiction of the MS4 where the permittee was not the construction site operator (as provided in submittals to the MS4 operator via notices of intent or site notices) 1

2. a. Does the permittee utilize the optional seventh MCM related to construction?
 Yes No

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): _____ Title: _____

Signature: _____ Date: _____

K. Attachments

- *2010 Urbanized Area map with current outfall locations*
- *2017 Inspected Outfall list*
- *SWMP 2017 Compliance Checklist*