

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 Ferris, Texas  
TPDES Authorization: TXR040423

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 TXR040423 for the City of Ferris, Texas.

The annual report is for Year 1. The reporting period's beginning October 1<sup>st</sup>, 2018 and ending September 30<sup>th</sup>, 2019.

A separate Notice of Change has not been submitted based on the fact that 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 4 in Fort Worth, Texas.

Sincerely,

Brooks Williams, Ferris City Manager

## Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

### A. General Information

Authorization Number: TXR040423

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

Annual Reporting Year Option Selected by MS4:

Calendar Year: \_\_\_\_\_

Permit Year: \_\_\_\_\_

Fiscal Year:   x   Last day of fiscal year: (9/30/19)

Reporting period beginning date: (month/date/year) 10/1/18

Reporting period end date: (month/date/year) 9/30/19

MS4 Operator Level: Level 1 Name of MS4: City of Ferris, Texas

Contact Name: Michael Hamilton Telephone Number: (972) 544-2110

Mailing Address: 104 S. Central St. Ferris, TX 75125

E-mail Address: michaelhamilton@ferristexas.gov

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

NO    Region the annual report was submitted to: TCEQ Region 4, Fort Worth

### 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		The majority of Year 1 tasks have been completed
Permittee is currently in compliance with recordkeeping and reporting requirements.	x		Records are kept at public offices

Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	x	No TMDL or other requirements apply.
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	x	Annual review conducted.

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)
See Attachment Part B.2.		

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)
See Attachment Part B.3.					

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.
See Attachment Part B.4		

## 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.?

Although the City of Ferris did not collect analytical monitoring data this year (and is not required to by any terms and conditions of this permit), the City of Ferris co-sponsors an annual cleanup event in April called Ferris Earth Day. The most recent event was held on April 27<sup>th</sup>, 2019 where approximately 121 volunteers helped at the event. The City collected 201 tires, 8,960 pounds of brush, bulk, or other trash, and 3,280 pounds of electronics for recycling. Photos and documentation from the event are included in Attachment C.1.

## 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.

*Not applicable. The City of Ferris, Texas does not directly discharge into any impaired waterbodies.*

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.

*Not applicable. The City of Ferris, Texas does not directly discharge into any impaired waterbodies.*

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

*Not applicable. The City of Ferris, Texas does not directly discharge into any impaired waterbodies.*

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

<b>Benchmark Parameter</b> <i>(Ex: Total Suspended Solids)</i>	<b>Benchmark Value</b>	<b>Description of additional sampling or other assessment activities</b>	<b>Year(s) conducted</b>
<i>Not applicable. The City of Ferris, Texas does not directly discharge into an impaired waterbody.</i>			

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

<b>Benchmark Parameter</b>	<b>Selected BMP</b>	<b>Contribution to achieving Benchmark</b>
<i>Not applicable. The City of Ferris, Texas does not directly discharge into an impaired waterbody.</i>		

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

<b>Description of bacteria-focused BMP</b>	<b>Comments/Discussion</b>
<i>Not applicable. The City of Ferris, Texas does not directly discharge into an impaired waterbody.</i>	

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.

<b>Benchmark Indicator</b>	<b>Description/Comments</b>
<i>Not applicable. The City of Ferris, Texas does not directly discharge into an impaired waterbody.</i>	

## E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	Stormwater Activity	Description/Comments
See Attachment Part E.1.			

## 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)
N/A	N/A	Administrative change. The city manager will be the signatory authority rather than the mayor. A NOC is not required for this change. A new core data form signed by the City Manager was included with this annual report.

**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.).

*Not applicable.*

## 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)
Not applicable. No additional BMP's are necessary.			

## H. Additional Information

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

\_\_\_ Yes  x  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: N/A

Name and Explanation: N/A

Name and Explanation: N/A

Name and Explanation: N/A

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

\_\_\_ Yes  x  No

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

\_\_\_ Yes \_\_\_ No  x  N/A

If "Yes," list all associated authorization numbers, permittee names, and SWMP responsibilities of each member (add additional spaces or pages if needed):

Authorization Number: <u>  N/A  </u>	Permittee: <u>  N/A  </u>
Authorization Number: <u>  N/A  </u>	Permittee: <u>  N/A  </u>
Authorization Number: <u>  N/A  </u>	Permittee: <u>  N/A  </u>
Authorization Number: <u>  N/A  </u>	Permittee: <u>  N/A  </u>

## 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	N/A

**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): Brooks Williams Title: City Manager

Signature:  Date: 12/18/19

Name of MS4 City of Ferris, Texas

**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.

## Part B.2 - General Assessment of Appropriateness of BMPs

The following table includes selected BMPs from the City's SWMP and a discussion of their appropriateness for reducing the discharge of pollutants in stormwater.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1-1 General Public Education	Distribute stormwater pollution prevention information by mail and electronically.	Yes. Education makes residents aware of pollution causing activities that they may not have been previously aware of.
1-6 Public Participation Events	Co-Sponsor Ferris Earth Day each year	Yes. The annual clean-up event removes a significant amount of garbage from the community that could cause pollution.
3-3: Construction Site Inspections	Inspect construction sites larger than 1 acre for erosion control measures.	Yes. Inspections ensure that erosion control measures are in place and that sediment is prevented from entering the stormwater system.
5: Pollution Prevention & Good House-keeping for Municipal Operations	Train all public works and streets staff	Yes. Proper staff training is key to pollution prevention. NCTCOG training materials were purchased in 2019 and will be used in 2020

## Part B.3 - Progress Made

MCM	BMP	Information Used	Quantity	Units	Does BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1	1-1 General Education Program	Stormwater Document in Utility Bill	1,300	Brochures	No. Though this BMP does not result in a direct reduction of pollutants, educating the citizens will eventually reduce litter, hence pollutants.
1	1-6 Public Participation Events	Garbage Collected	201	Tires	Yes. The Ferris Earth Day efforts removed a substantial amount of trash that may have resulted in stormwater pollution
			8,960	Pounds of brush, bulk, and other trash	
			3,280	Pounds of electronics for recycling	
3	3.3 Construction Site Inspection	Large Construction Sites	1	Inspections	Yes. By inspecting the contractor-owned construction sites, we can evaluate if proper BMPs are in place to reduce sediment discharge and erosion. The City had only one construction site larger than 1 acre in FY 2019. The site was visited almost daily in 2019

**Table B.4 - City of Ferris Stormwater Management Plan - Tasks Completed in FY 2019**

Minimum Control Measure (MCM)	Permit Requirement	Best Management Practice	Tasks to be Completed by October 1st, 2019	Success
1. Public Education, Outreach and Involvement	(a)(1) Education Program for Public, Employees, and Businesses	1-1 General Education Program	Determine overall goals of public education program. Develop materials.	Met goal. Stormwater mailer developed and sent to approximately 1,300 addresses.
			Provide educational materials at City Hall and Public Participation Events at least once annually	Met goal. Stormwater pollution prevention article printed and posted in City office.
			Provide SWMP information on City Website and review and update as necessary - at least once annually	Met goal. Stormwater pollution prevention article posted on City's website.
			Provide stormwater educational mailer in water bill at least once annually.	Met goal. Stormwater pollution prevention article sent out with water bills.
	(a)(2) Make Educational Materials Available at Least Annually	1-2 Municipal Employee Training Program	Identify additional City Employees to be involved in program.	Met goal. City will provide training to all O&M staff.
	(a)(3) Post SWMP and Annual Reports on City Website		Continue to provide annual training to City employees. Document the # of employees trained and type of materials used.	Goal not met. City did not provide specific stormwater pollution prevention training in FY 2019. The City purchased training videos from NCTCOG and plans to train employees in FY 2020.
	(a)(4) Review and Update SWMP and MCM Implementation Procedures Annually	1-3 Post SWMP and Annual Report on City Website	Post SWMP within 30 days after the approval date	SWMP not approved yet.
			Post annual reports to City website no later than 30 days after the due date.	This annual report will be posted to City website no later than 1/31/2020.
	(b)(1) Public Input in Stormwater Program	1-4 Review the SWMP and MCM Implementation Procedures	Annually review the SWMP and MCM implementation procedures. Update if necessary	Met goal. SWMP and MCM reviewed.
			Provide public notice for SWMP per TCEQ direction.	TCEQ still reviewing SWMP.
2. Illicit Discharge Detection and Elimination	(b)(2) Public Involvement Opportunities	1-6 Public Participation Events	Continue the annual Ferris Earth Day event. Document the # of participants and the amount of trash removed.	Met goal. Earth Day event held on 4/27/2019. Approximately 121 volunteers helped with the event. Local residents brought in 201 tires, 8,960 pounds of brush, bulk, or other trash, and 3,280 pounds of electronics for recycling.
			Annually advertise the Ferris Earth Day event using the City's phone messaging system.	Met goal. Earth Day event advertised on City website and phone messaging system.
	(c)(1) MS4 Map	2-1 Storm Sewer Map	Review map and add any data necessary to ensure map is complete.	Met goal. Drainage map developed.
	(c)(3) Public Reporting	2-2 Public Reporting	Determine feasible method of public reporting (hotline, webpage, etc.)	Met goal. Public reports can be submitted on the City's website by clicking "Report an Issue" at the top right corner of the home page.
	(c)(4) Spill Response Procedures	2-3 Spill Control and Response	Review existing spill control procedures and ensure any unwritten or informal procedures are understood.	Met goal.
3. Construction Site Stormwater Runoff Control	(c)(5) Source Investigation and Elimination	2-4 Ordinance for Illicit Discharge Detection and Elimination	Research ordinances employed by other municipalities in the DFW area of a similar size.	Met goal. The nearby City of Hutchins has a stormwater ordinance that could be adapted for Ferris.
	(b)(2) Requirement for Erosion and Sediment Control BMPs	3-1 Ordinance for Construction Site Stormwater Runoff Control	Research ordinances employed by other municipalities in the DFW area of a similar size.	Met goal. The nearby City of Wilmer contains a comprehensive stormwater ordinance that could be adapted for Ferris.
	(b)(4) Construction Plan Review Procedures	3-2 Site Plan Review Process	Review current procedures and determine steps to modify.	Drainage is reviewed by Dean. City Engineer would review erosion.
4. Post Construction Stormwater Management in New Development and Redevelopment	(a) Post-Construction Stormwater Management Program	4-1 Ordinance for Post Construction Stormwater Management	Research ordinances employed by other municipalities in the DFW area of a similar size.	Met goal. The City of Forest Hill, TX has a post construction ordinance that could be adapted for Ferris.
5. Pollution Prevention and Good Housekeeping for Municipal Operations	(b)(1) Permittee-owned Facilities and Control Inventory	5-1 Inventory of City Facilities	Develop an inventory of City-owned facilities.	Met Goal. Inventory developed.
	(b)(3) Disposal of Waste Material	5-2 Waste Disposal Procedures	Review existing procedures relative to waste disposal from MS4	Met goal. The City calls a local cleanup crew for spills.
	(b)(5) Municipal Operation and Maintenance Activities	5-4 Municipal Operation and Maintenance Activities	Evaluate operation and maintenance activities currently performed by the City.	Met goal. Activities include mowing, pavement striping, pothole repair, and local pesticide usage.
	(b)(6) Structural Control Maintenance	5-5 Structural Control Maintenance	Develop or obtain standard maintenance practices for structural controls as they are developed. Implement maintenance on city-owned structural controls. Document the locations and types of controls included in the program.	Met goal. The City does not have any structural controls besides their outfalls.

## C.1 – Stormwater Data Summary



Ferris Earth Day (4/27/2019)





Ferris Earth Day (4/27/2019)



Ferris Earth Day (4/27/2019)





Ferris Earth Day (4/27/2019)



## TALLY SHEET FOR ABANDONED TIRE CLEAN-UP

Location: Ferris TX

Project # BB080

County: Ellis

Type	Number	Conversion Factor	Pounds/Tons
Passenger/LT	176	20 <sup>#</sup>	3,520 <sup>#</sup>
Semi-Truck/Trailer	10	100 <sup>#</sup>	1,000 <sup>#</sup>
Shipping Container/PTE	Ø		Ø
Farm Equipment	15	30 <sup>#</sup>	450 <sup>#</sup>
Other	Ø		Ø
		Total>>>>>>>	4,970 <sup>#</sup>

Tally Performed by: Breta Calvery Date: 4/27/19  
Signature

1 Passenger/LT tire = 20 lbs.

1 Semi Truck/Trailer tire = 100 lbs.

100 lbs. tire weight = 5 passenger/LT tires

1 Ton tire weight = 100 passenger tires/ 20 semi-truck tires

Ferris Earth Day (4/27/2019)

**Table E.1 - City of Ferris Stormwater Management Plan - FY 2020 Task List**

Minimum Control Measure (MCM)	Permit Requirement	Best Management Practice	FY 2020 Tasks
1. Public Education, Outreach and Involvement	(a)(1) Education Program for Public, Employees, and Businesses	1-1 General Education Program	Provide educational materials at City Hall and Public Participation Events at least once annually
	(a)(2) Make Educational Materials Available at Least Annually	1-2 Municipal Employee Training Program	Provide SWMP information on City Website and review and update as necessary - at least once annually
			Provide stormwater educational mailer in water bill at least once annually.
	(a)(3) Post SWMP and Annual Reports on City Website	1-3 Post SWMP and Annual Report on City Website	Purchase, obtain, or develop additional materials for education program.
			Continue to provide annual training to City employees. Document the # of employees trained and type of materials used.
	(a)(4) Review and Update SWMP and MCM Implementation Procedures Annually	1-4 Review the SWMP and MCM Implementation Procedures	Post annual reports to City website no later than 30 days after the due date.
	(b)(1) Public Input in Stormwater Program	1-5 General Permit Public Notice	Annually review the SWMP and MCM implementation procedures. Update if necessary
	(b)(2) Public Involvement Opportunities	1-6 Public Participation Events	Provide public notice for SWMP per TCEQ direction.
2. Illicit Discharge Detection and Elimination	(c)(1) MS4 Map	2-1 Storm Sewer Map	Continue the annual Ferris Earth Day event. Document the # of participants and the amount of trash removed.
	(c)(3) Public Reporting	2-2 Public Reporting	Annually advertise the Ferris Earth Day event using the City's phone messaging system.
	(c)(4) Spill Response Procedures	2-3 Spill Control and Response	Review the map annually to ensure that any new outfalls operated by the City and any other information useful to the program are included.
	(c)(5) Source Investigation and Elimination	2-4 Ordinance for Illicit Discharge Detection and Elimination	Prepare procedures for implementing and responding to the public reporting system.
	(c)(6) Inspections	2-5 Illicit Discharge Inspections	Make any necessary changes and ensure that spill control procedures are fully documented.
3. Construction Site Stormwater Runoff Control	(b)(2) Requirement for Erosion and Sediment Control BMPs	3-1 Ordinance for Construction Site Stormwater Runoff Control	Draft illicit discharge ordinance and perform legal review.
	(b)(4) Construction Plan Review Procedures	3-2 Site Plan Review Process	Develop and provide training to inspectors involved in illicit discharge inspections.
	(b)(5) Construction Site Inspections	3-3 Construction Site Inspections and Enforcement	Develop changes to plan review process and prepare educational information.
4. Post Construction Stormwater Management in New Development and Redevelopment	(a) Post-Construction Stormwater Management Program	4-1 Ordinance for Post Construction Stormwater Management	Develop and provide training to employees involved in construction site inspections
	(b)(2) Document Enforcement	4-2 Post-Construction Inspections	Draft post-construction storm water ordinance and perform legal review.
5. Pollution Prevention and Good Housekeeping for Municipal Operations	(b)(1) Permittee-owned Facilities and Control Inventory	5-1 Inventory of City Facilities	Develop and provide training to employees involved in post-construction inspections.
	(b)(3) Disposal of Waste Material	5-2 Waste Disposal Procedures	Annually review the inventory of City facilities and revise as necessary.
	(b)(4) Contractor Requirements and Oversight	5-3 Municipal Contractor Oversight	Develop the procedures to meet General Permit requirements for proper waste disposal. Document any changes to existing procedures.
	(b)(5) Municipal Operation and Maintenance Activities	5-4 Municipal Operation and Maintenance Activities	Review standard municipal contract to determine extent of changes that may be necessary
	(b)(6) Structural Control Maintenance	5-5 Structural Control Maintenance	Identify pollutants of concern that could be discharged during maintenance.
			Develop or obtain standard maintenance practices for structural controls as they are developed. Implement maintenance on city-owned structural controls. Document the locations and types of controls included in the program.