

Texas Commission on Environmental Quality
Stormwater & Pretreatment Team Leader (MC-148)
P.O. Box 13087
Austin, Texas 78711-3087

Re: Phase II MS4 Annual Report Transmittal for The Town of Fairview
TPDES Permit Authorization: TXR040245

Dear Team Leader:

This letter serves to transmit the 2018 Annual Report for the Texas Pollutant Discharge Elimination System Small Municipal Separate Storm Sewer System General Permit, Authorization Number TXR040245 for the Town of Fairview.

A separate Notice of Change has not been submitted based on the fact that no changes have been proposed for the next permit year.

As required by the general permit, a copy of this submittal has also been mailed to the TCEQ's regional office in Fort Worth, Texas.

Sincerely,

James Chancellor

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040245 Annual Reporting Year: (calendar year, permit year, or fiscal year): permit, year 5 Last day of fiscal year, if applicable: n/a

MS4 Operator Level: 1 Name of MS4/Permittee: Town of Fairview

Contact Name: James Chancellor Telephone Number: (972)886-4235

Mailing Address: 372 Town Place, Fairview, Texas 75069

E-mail Address: Jchancellor@fairviewtexas.org

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.	X		The town has met the goals in the SWMP.
Permittee is currently in compliance with recordkeeping and reporting requirements.	X		The town is filing reports completely. Records are retained for the permit years or three years, whichever is longer.
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.)	X		The town meets the impaired water body requirements.

2. 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):
On next page

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.

B 2.		BMP is appropriate for reducing the discharge of pollutants in Stormwater (yes or no). Explain.
MCMs	BMP	Explain.
	1 Stakeholder Meetings	Yes, keeping the public informed is the first step for keeping their illicit discharge out of the MS4
	1 Recycling program	Yes, an option for keeping this discharge out the MS4 was provided.
	1 Cleanup Event	Yes, two events were held and hazardous waste was disposed of properly
	1 Advisory/ partner committees	Yes, provides opportunity for public to speak of stormwater quality
	1 Household Hazardous Waste Program	Yes, an option for keeping this discharge out the MS4 was provided.
	1 Mailing List	Yes, keeping the public informed is the first step for keeping their illicit discharge out of the MS4. People receive their information through many different vehicles
	1 Town newsletter	Yes, newsletter articles are written regarding stormwater quality, and according to the last citizen survey, 90% of the town reads this newsletter
	1 Visitors	Yes, If people take the pamphlets then it will have been a good way to reach out to visitors
	1 Use of Town Webpage	Yes, keeping the public informed is the first step for keeping their illicit discharge out of the MS4. People receive their information through many different vehicles
	1 Install Watershed Signs	Yes, a physical reminder in the watershed will make people think about their actions in these spaces
	2 Septic System Permits	Yes, aeration systems and percolation systems are tracked and owners are informed when it is time to renew service contracts
	2 Septic System Enforcement	Yes, when the service contracts expire our code enforcement officer sends out letters with the authority to fine
	2 Industrial/ Business Collections	Yes, certain detention/retention devices have an element of bio filtration
	2 Business Filtration	Yes, new development will provide additional filtration
	2 MS4 Field Employees	Yes, Field employees will be able to identify illicit discharges
	2 Identify and Track Discharges	Yes, discharges defined by the ordinance will be tracked
	2 Stream Monitoring	Yes, finding violators will prevent future violations
	Notification to discharger of responsibilities	
3	under TPDES Construction General Permit	Yes, this is another layer of checks to ensure contractors file SWPPP prior to construction
3	Construction Site personnel	Yes, providing educational material for those working in the towns MS4

3	<i>Staff review of construction site plans</i>	Yes, appropriate erosion control measures are in place
3	<i>Construction Site Inspection Program</i>	Yes, inspecting erosion control measures during construction to verify those measures are still effective
4	<i>Post Construction Development review process</i>	Yes, establishing the towns standards of erosion control measures through all stages of construction
4	<i>BMP Inspection and Maintenance</i>	Yes, ensuring erosion control measures are effective at all stages of construction, and site is stabilized
4	<i>Encourage the use of roadside ditches instead of curb and gutter</i>	Yes, roadside ditches can provide another way for bio filtration to take place that does not occur in underground concrete piping
5	<i>Training of employees</i>	Yes, educating town employees on how to improve water quality during their work in town
5	<i>Public Service Employees</i>	Yes, educating town employees on how to improve water quality during their work in town
5	<i>Fleet Vehicle Maintenance/Washing</i>	Yes, establishing a BMP downstream will keep waters clean
5	<i>Waste Materials Management</i>	Yes, ensuring town employees are not contributing to illicit discharge
5	<i>Contractor Requirements and Oversight</i>	Yes, Requiring contractors to conform to standards that improve the water quality
5	<i>Town Facilities Inventory</i>	Yes, Town employees need this information

B. 4.		
MCM (s)	Measurable Goal(s)	Success
1	Place stormwater discussion items on Homeowners Association/community meeting agendas around town.	Met Goal
1	Recycling and bulk waste component included in solid waste contract.	Exceeded Goal
1	Have an event to allow for proper disposal of trash that cannot be picked up with the current services provided and/or, to have mass pick-up of trash in our road side ditches, or an event with similar effects as the above.	Exceeded Goal
1	Committee established & meetings held.	Met Goal
1	Community event held, and/or educational information created and posted.	Met Goal
1	Emails sent out with stormwater related information included.	Met Goal
1	Have regular community newsletter articles that deal with various aspects of stormwater quality issues, including BMP's for citizens.	Met Goal
1	The Town will keep lawn and garden information available for citizens.	Exceeded Goal
1	Visitor pamphlets are made available in a public space.	Met Goal
1	Stormwater information is available on the Town's website.	Met Goal
1	Install watershed signs at parks, public trails and/or outfalls.	Met Goal
2	Permit and track all new and existing septic systems in Fairview.	Met Goal
2	Track existing septic systems and service contracts in Fairview.	Met Goal
2	Industrial/Business developments constructed with stormwater detention to the pre-developed rate.	Met Goal
2	New businesses will be required to provide added filtration for runoff.	Met Goal
2	Educate MS4's field staff.	Met Goal
2	Track Source of illicit discharge if found	Met Goal
3	Assure that contractor has met the SWPPP and NOI requirements and notified the town of submittal to the TCEQ.	Met Goal
3	Construction site educational materials will be distributed and construction site stormwater issues will be discussed at a construction meeting. This will be done by holding the meeting and keeping the agenda discussed.	Met Goal
3	Engineering department will perform construction site and plan reviews.	Met Goal
3	On-site inspections to enforce compliance with approved SWPP plans.	Met Goal
4	Construction plans or other post development plans will be required to contain post construction measures that meet the minimum guidelines in the town's stormwater ordinance.	Met Goal

4	This inspection program has been written and be under the supervision of the engineering department with a post-construction inspection period established from the final acceptance of a construction project.	Met Goal
4	Continue to give developers in low density residential development the alternative of streets without curb and gutter designs and the use of roadside drainage systems.	Met Goal
5	An annual class will be held for Public Works, Parks, and Inspectors.	Met Goal
5	Educate public service employees.	Met Goal
5	Designate maintenance and wash areas and down stream BMP's installed.	Met Goal
5	Selection of appropriate BMP's for the handling of town construction and maintenance waste.	Met Goal
5	BMPs for contractors and their contracts.	Met Goal
5	Create inventory of facilities and stormwater controls.	Met Goal

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:

One pollutant the Town saw a decrease in during dry weather screening was silt, sediment, and suspended solids in general. During past permit years sediment build up was noticed at our outfalls, but over the course of this permit period the amount of sedimentation has decreased.

Since Wilson Creek has a bacteriological impairment, one of the main concerns while conducting dry weather screening is odor and discoloration. There was one location where odor was noted but it was not a wide spread problem. The location where the odor was detected is not near any privately owned and maintained septic systems, and there is not a manhole close by. Town staff will be notified this is an area of concern when they perform the annual line flushing. This is the first time an odor has been detected at a Town outfall during this permit period.

While utilizing the dry weather screening procedures we had in place in 2018, the only reoccurring illicit discharge observed were floatables in the form of litter. Since this was observed at various locations around the Town, we do not believe there is one source for this. Future permits and MCMs will be developed specifically for this issue.

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:

The Town has identified the potential significant source of bacteria impairment to be septic systems. More than two-thirds of the town does not have sanitary sewer. Septic systems are being monitored and service contracts are required. In 2018 the monitoring of contract renewals and enforcement was brought in house. During this process, around 300 delinquent accounts were identified and now have current maintenance contracts.

The public works department does yearly maintenance and flushes out town owned sanitary sewer lines. All the lines in our system are PVC. Also, the Town only has two lift stations, both of which are over designed for our current capacity. One of the lift station's removal is planned for 2019, the bids have been opened and will be awarded at the April council meeting. For these reasons the town does not believe the sanitary sewer system is contributing to the bacterial impairment.

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)*): The Town of Fairview does not discharge to an impaired water body with an approved TMDL.
N/A

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

Benchmark Parameter <i>(Ex: Total Suspended Solids)</i>	Benchmark Value	Description of additional sampling or other assessment activities	Year(s) conducted

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**

Benchmark Parameter	Selected BMP	Contribution to achieving Benchmark

5. If applicable, report on focused BMPs to address impairment (*Part II Section D.4.(a)(5)*): **N/A** - While the Town does not discharge into an impaired waterbody with an approved TMDL, below you will find the BMPs in place addressing the bacterial impairment in Wilson Creek.

Pollutant to Address <i>(Ex: Bacteria)</i>	Description of Focused BMP	Comments/Discussion
Bacteria	Septic System Permits	This is the town's chosen method to track new septic systems that are installed in the town limits.
Bacteria	Septic System Enforcement	The Town's chosen method to ensure septic systems are properly maintained with a service contract.
Bacteria	Public Outreach	The Town put an article in the newsletter that provided information to help residents identify the symptoms of a failing septic system.

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

For example, the MS4 may use the following 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

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
1	Clean up event	Trash off	A publicized opportunity for residents to dispose of hazardous waste in the appropriate manner.
1	Clean up event	Take Back Initiative	A publicized opportunity for residents to dispose of prescription drugs in the appropriate manner. This occurred twice in 2018.

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

- 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

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.): **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. Fairview does not release into an impaired water body with an approved TMDL.**

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

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):

Name and Explanation:

Name and Explanation:

Name and Explanation:

Name and Explanation:

Name and Explanation:

2.a. Is the named permittee 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

If 'Yes,' list all associated permit numbers and permittee names (add additional spaces or pages if needed):

Authorization Number:	_____	Permittee:	_____
Authorization Number:	_____	Permittee:	_____
Authorization Number:	_____	Permittee:	_____
Authorization Number:	_____	Permittee:	_____

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) 8

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

2. b. 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	

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): Julie Couch Title: Town Manager

Signature:  Date: 3/8/19

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name (printed): _____ Title: _____

Signature: _____ Date: _____

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).