03/05/2018

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 City of Parker

TPDES Authorization: TXR040580

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 TXR040580 for the City of Parker.

The annual report is for Year 4. The reporting period's beginning 01/01/17 and ending 12/31/17.

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 Dallas / Fort Worth Metroplex, Texas.

Sincerely,

Jeff Flanigan

City Administrator

City of Parker

jflanigan@parkertexas.us

(972) 442-6811

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040580

Reporting Year 4

Annual Reporting Year Option Selected by MS4:

Calendar Year 2017

Reporting period beginning date: 01/01/2017

Reporting period end date: 12/31/2017

MS4 Operator Level: 1 Name of MS4: City of Parker

Contact Name: Jeff Flanigan Telephone Number: 972/442-6811

Mailing Address: 5700 E. Parker Road, Parker, TX. 75002

E-mail Address: jflanigan@parkertexas.us

A copy of the annual report was submitted to the TCEQ Region YES__X_ NO___
Region the annual report was submitted. TCEQ Region 4 DFW Metroplex

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		
Permittee is currently in compliance with recordkeeping and reporting requirements.	X		
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.)	X		

2. Provide a general assessment of the appropriateness of the selected BMPs. You may use the table below (**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.)
1: Education	Pamphlets purchased through NTCOG	Yes. Continuing education and distribution of updated literature will help in the reduction of pollutants.
1: Education	Website	Yes. Stormwater education will help in the reduction of pollutants.
1: Education	Stormwater Display	Yes. The display board at city hall will help with the education of our citizens.
1: Education	Education Curriculum	Yes. Awareness and discussions with other cities.
1: Education	Public Service	Yes, through education.
1: Education	Storm drain markers	No. The majority of the city is open ditched. The markers are on the state road with no sidewalk and not very visible.
1: Education	Bumper stickers	Yes, through awareness.
1: Education	"Take Care of Texas"	Yes. Giving residents a resource through city website.
1: Education	Education	Yes, by educating the city staff.
1: Education	Business Partnership	The city of Parker is 100% residential. However, partnerships with other cities to maintain awareness.
1: Education	Stormwater Details	Yes. Details provided to home builders and developers.
2: Illicit Discharge	Dry weather screening	Yes, with quarterly inspections of all Outfall areas in the city.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
2: Illicit Discharge	Illicit discharges detection	Yes, training through NTCOG.
2: Illicit Discharge	Sanitary sewer smoke testing	No. No benefit with open ditches.
2: Illicit Discharge	Elimination of illicit connections	Yes, by continuing to monitor Outfall areas and training appropriate personnel to address any illicit connections or discharges.
2: Illicit Discharge	Non-Stormwater discharge	Yes, by adopting an ordinance allowing enforcement.
2: Illicit Discharge	Storm Sewer Map	No. The city has only two areas with storm sewer systems, the rest are open ditches. However, our Outfall Maps serve as a guide for inspection.
2: Illicit Discharge	Total Maximum Daily Loads and Bacteria Impairment	Yes, with daily inspections of our two lift stations and backup pumps.
3: Construction	Construction site Stormwater runoff control	Yes. Educational pamphlets given to developers and home builders. Also, inspections after any rainfall event one inch or more recorded at city hall.
3: Construction	Details	Yes. 68 page Erosion Control Manual containing a checklist is given to all builders and developers.
3: Construction	Inspections	Yes, routine inspection of developments is positive along with the creation of a checklist for documentation
3: Construction	Water Quality	Yes. Site plan review by municipal engineer, along with routine inspections.
3: Construction	New construction/land disturbance	Yes. Detail Manual (3.2) along with routine inspection
3: Construction	Response to Hotline/Call-Ins	Yes. Calling in or reporting a problem through the website will generate a work order.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
3: Construction	Control of site waste	Yes. Monthly meetings with staff and new detail manual.
4: Post Construction	Post construction Stormwater management	Yes, by inspecting all construction sites and Outfall areas after any rainfall event of one inch or more recorded at city hall.
5: Pollution Prevention	Park and open space maintenance	Yes. Education and training through "Take Care of Texas" website. No irrigation system used in the city park. No herbicides or pesticides used in the city park.
5: Pollution Prevention	Street, Road and Highway maintenance	No. TXDOT responsible.
5: Pollution Prevention	Fleet and building maintenance	Yes. Inspection and checklist documentation.
5: Pollution Prevention	Stormwater system maintenance	No. City uses, almost exclusively, open ditches.
5: Pollution Prevention	New construction and land disturbances	Yes. Implementation of a Detail Manual, inspection and checklists (3.5).
5: Pollution Prevention	Municipal parking lot	Yes, by sweeping the city's single parking lot and document on a detail checklist.
5: Pollution Prevention	Vehicle equipment maintenance and storage yard	Yes, with regular inspections.
5: Pollution Prevention	Salt/Sand storage locations	Yes. Concrete bins were installed for storage of rock, sand, gravel, crushed concrete and asphalt. Runoff reduced.
5: Pollution Prevention	Good housekeeping and pollution prevention	Yes, continued education and training of public works employees creates greater awareness.

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: The City of Parker is a small 100% residential community. The city uses open bar ditches that are well vegetated and manicured. All new developments are required to meet or exceed our subdivision regulations, Stormwater standards and best practices. We continue to educate our residents and maintain appropriate documentation.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
1	1.1	Pamphlets purchased from North Texas Council of Governments	100	Pamphlets	Yes, Continuing education and distribution of updated information will reduce pollutants.
1	1.2	Website	1		Yes. Stormwater education will contribute to the reduction of pollutants.
1	1.3	Stormwater Display	1	Display Board	Display at City Hall will help with the education of our citizens.
1	1.4	Education Curriculum		Collin County MS4 Stormwater Stakeholders Forum	Yes. Awareness and discussions with other cities.
1	1.5	Public Service	1400	Newsletter	Yes, through education.
1	1.6	Storm Drain Markers	50	Eagle Scout project, "Only Rain Down the Drain"	No, the majority of the city is open ditched. The markers are on the state road with no sidewalk and not very visible.
1	1.7	Bumper Stickers	10		Yes, through awareness.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
1	1.8	Take Care of Texas	1		Yes, indirect by giving residents a resource through our website.
1	1.9	Education	2	Class through NTCOG	Yes, by educating the staff.
1	1.10	Business Partnership	1		100% residential. However, partnerships with other cities to maintain awareness.
1	1.11	Stormwater Details	25		Yes. Details provided to property developers and home builders.
2	2.1	Dry Weather Screening			Yes. Quarterly inspection and documentation of all Outfall areas in the city.
2	2.2	Illicit Discharges Detection	2	Classes	Yes, training through NTCOG
2	2.3	Sanitary Sewer Smoke Testing			No benefit with open ditches.
2	2.4	Elimination of Illicit Connections			Yes, by continuing to monitor Outfall structures and training appropriate personnel to address any illicit connections or discharges.
2	2.5	Non-Stormwater Discharge	1	Ordinance	Yes, by adopting an ordinance allowing enforcement.
2	2.6	Storm Sewer Map			No. The city has only two areas with storm sewer systems, the rest are open ditches. However, our Outfall maps serve as a guide for inspection.
2	2.7	Total Maximum Daily Loads and Bacteria Impairment			Yes. Daily inspections of our two lift stations and backup pumps.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
3	3.1	Construction Site Stormwater Runoff Control			Yes. Pamphlets delivered to developers and home builders. Also, inspections after any rainfall event of one inch or more recorded at City Hall.
3	3.2	Details			Yes. A copy of our Erosion Control Manual is delivered to all builders and developers. Manual also contains a checklist.
3	3.3	Inspections			Yes, routine inspection of developments is positive, along with the development of a checklist for documentation.
3	3.4	Water Quality			Yes. Site plan review by municipal engineer, along with routine inspections.
3	3.5	New Construction/Land Disturbance			Yes. Detail Manual (3.2) and routine inspections.
3	3.6	Response to Hotline/Call-Ins			Yes. Calling in or reporting a problem through the website will generate a work order.
3	3.7	Control of Site Waste			Yes. Monthly meetings with staff and new detail manual.
4	4.1	Post Construction Stormwater Management			Yes. Inspection of all construction sites and Outfall structures after one inch of rainfall recorded at City Hall.
5	5.1	Park and Open Space Maintenance			Yes. Education and training through "Take Care of Texas" website. No irrigation system used in parks. No pesticides or herbicides used in parks.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
5	5.2	Street, Road and Highway Maintenance			Incomplete.
5	5.3	Fleet and Building Maintenance			Yes. Inspection and checklist documentation.
5	5.4	Stormwater System Maintenance			Incomplete.
5	5.5	New Construction and Land Disturbances			Yes. Implementation of details, inspection and checklists (3.5).
5	5.6	Municipal Parking Lot			Yes. Sweep the city's single parking lot and document on detail checklist.
5	5.7	Vehicle Equipment Maintenance and Storage Yards.			Yes, regular inspections.
5	5.8	Salt/Sand Storage Locations			Yes. Concrete bins were installed for storage of rock, sand, gravel, crushed concrete and asphalt. Runoff reduced.
5	5.9	Good Housekeeping and Pollution Prevention			Yes. Continued education and training of public works employees creates greater awareness.

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
1.1	Provide pamphlets to home builders to place in new homes.	Met goal. Pamphlets provided to home builders and developers.
1.2	Stormwater link on webpage.	Met goal. City website updated to include "Stormwater" link.
1.3	Stormwater display	Met goal. Stormwater display board placed on front counter at City Hall.
1.4	Work with neighboring cities	Met goal. Employees attended Collin County Annual MS4 Stormwater Forum.
1.5	Public service announcement	Met goal. City website contains link "Our Community"
1.6	Stormwater makers on inlets	Met goal. Eagle Scout project.
1.7	Bumper sticker	Met goal. "Stormwater Matters" bumper sticker created.
1.8	Smart Scape CD (NCTOG) "Take Care of Texas"	Met goal. Link updated on city website.
1.9	Staff education	Met goal. Staff attended training seminars.
1.10	Business partnerships	In progress. Currently, there are no businesses within city limits.
1.11	Standard Details	In progress. Required on city projects. No private construction.
2.1	Dry weather screening	Met goal. Quarterly inspection of all Outfall areas along with documentation.
2.2	Illicit discharge detection	Met goal. Training and inspection.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved If goal was not accomplished please explain
2.3	Sanitary Smoke test	Met goal. City has open ditches.
2.4	Elimination of Illicit Connections	Met goal. Staff training and monitoring of Outfall areas.
2.5	Adopted city ordinance.	Met goal. City ordinance allows enforcement.
2.6	Storm Sewer Map	Met goal. City has only two storm sewer systems. The rest of the city uses open ditches. Outfall map shows where to inspect.
2.7	Daily inspection of the city's two lift stations and backup pumps.	Met goal. Continued daily inspections and Stormwater pamphlets made available to the public.
3.1	Educate developers and home builders. Inspections after any rainfall event over 1 inch recorded at city hall.	Met goal. Continued educating developers and home builders. Inspections made after any rainfall event over 1 inch recorded at city hall.
3.2	Erosion Control Manual with checklist created.	Met goal. Erosion Control Manual with checklist given to developers and home builders.
3.3	Inspection and documentation.	Met goal. Inspection of developments. Documentation of inspection with checklist.
3.4	Site plan review.	Met goal. Site plan review municipal engineer along with inspections.
3.5	Detail Manual and routine inspection.	Met goal. Detail Manual distributed. Ongoing staff training.
3.6	Response to hotline call-ins.	Met goal. Continued response hotline and website requests.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved If goal was not accomplished please explain
3.7	Control of site waste.	Met goal. Staff training and inspection with checklist.
4.1	Post Construction Stormwater management	Met goal. Inspection of all Outfall areas and construction sites after rain event of one inch or more recorded at city hall.
5.1	Park and Open Space Maintenance	Met goal. Training "Take Care of Texas" website. No irrigation used in the park. No herbicides or pesticides used in the park.
5.2	Street, Road and Highway maintenance	Incomplete. TXDOT is responsible.
5.3	Fleet and Building maintenance.	Met goal. Inspections along with checklist documentation.
5.4	Stormwater system maintenance.	In progress. City uses open ditches. Outfall areas receive routine inspection.
5.5	Detail Manual and Inspection of New construction and Land Disturbances	Met goal. Continued inspection and documentation. Detail Manual.
5.6	Sweeping of city parking lot.	Met goal. Sweeping of city's single parking lot. Documented on a checklist.
5.7	Stormwater management plan for vehicle, equipment and storage yards.	In progress. Routine inspections with checklist.
5.8	Install bins for material storage.	Met goal. Bins installed for storage of sand, gravel, asphalt and crushed concrete.
5.9	Staff training.	Met goal. Continued training with public works staff.

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:

The city regularly does visual inspections of all open ditches in developed and undeveloped areas. If upon inspection there is a Stormwater concern, the city staff member will evaluate and determine the best course of action. For example, the best course of action may be notifying the property owner or city personnel if within the ROW.

The city uses the methodology of any rainfall event of one inch or more within a 24 hour period will trigger inspection of all Subdivisions and Outfalls.

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: **N/A**

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)): **N/A**

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)): **N/A**

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

N/A			

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		

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
N/A	

Description of bacteria-focused BMP	Comments/Discussion
N/A	

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	

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)): **No new activities planned.**

MCM(s)	BMP	Stormwater Activity	Description/Comments
N/A			

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__X__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)
N/A		

MCM(s)	Measurable Goal(s) or BMP(s)	Implemented or Proposed Changes (Submit NOC as needed)
N/A		

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 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			

H. Additional Information

1. Is the permittee relying on another entity to satisfy some of its permit obligations? (refer to the MS4 General Permit TXR040000 Part IV Section B.2.(g))

   ___ 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:

Name and Explanation:

Name and Explanation:

Name and Explanation:

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

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

Authorization Number: _____ Permittee:_____

Authorization Number: _____ Permittee: _____

Authorization Number: _____ Permittee: _____

Authorization Number: _____ Permittee: _____

I. Construction Activities

1. The number of construction activities that occurred in the jurisdictional area of the MS4 (Notices if intent and site notices received; Refer to the MS4 General Permit TXR040000 Part IV Section B.2.(h)) **__2**_____

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

___ Yes __X_ 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	2
The total number of acres disturbed for municipal construction projects	2.1 acres

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): Z Marshall Title: Mayor

Signature: _____ Date: 3/5/18

Name of MS4: City of Parker

Name (printed): Jeff Flanigan Title: City Administrator

Signature: _____ Date: 3-5-18

Name of MS4: City of Parker

Name (printed): Sam Hernandez Title: Inspector

Signature: _____ Date: 3-5-18

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).