	DA PLACEMENT FORM ay, 12:00 PM before Court Dates
SUBMITTED BY:David Disheroon	TODAY'S DATE: 03/09/2020
<u>DEPARTMENT</u> :	Public Works
SIGNATURE OF DEPARTMENT H	EAD:
REQUESTED AGENDA DATE:	03/23/2020
nson County's Phase II Municipal Separate 9, TPDES General Permit number TXR040	·
PERSON(S) TO PRESENT ITEM: D SUPPORT MATERIAL: (Must enclo	
TIME: 10 minutes	ACTION ITEM: X WORKSHOP
anticipated number of minutes needed to disc	cuss item) CONSENT:
STAFF NOTICE:	
PERSONNEL:	PURCHASING DEPARTMENT: PUBLIC WORKS:X
BUDGET COORDINATOR: OTHI	ER:
**********This Section to be Comple	ted by County Judge's Office********
ASSIGNE	ED AGENDA DATE:
•	UNTY JUDGE'S OFFICE
OURT MEMBER APPROVAL	Date

Phase II Municipal Separate Storm Sewer Systems (MS4) 2019 Annual Report

TXR040561

Johnson County, Texas



Johnson County Public Works Department

2 North Mill Street, Suite 305 Cleburne, Texas 76033 817-556-6380

March 23, 2020

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

Re: Phase II MS4 Annual Report Transmittal for Johnson County TPDES Authorization: TXR040561

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 TXR040561 for Johnson County.

The annual report is for Year 1. The reporting period beginning 01/01/2019 and ending 12/31/2019.

As required by the general permit, a copy of the report has been mailed to the TCEQ Regional Office 4 in Fort Worth, Texas.

Sincerely,

T. David Disheroon, C.F.M. Director Johnson County Public Works

Enclosure: Phase II MS4 Annual Report CC: TCEQ Region 4 office

file

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040561
Reporting Year (year will be either 1, 2, 3, 4, or 5): 1
Annual Reporting Year Option Selected by MS4: Calendar Year: 2019
Permit Year: 1
Fiscal Year: Last day of fiscal year:
Reporting period beginning date: (month/date/year) 01/01/2019
Reporting period end date: (month/date/year) 12/31/2019
MS4 Operator Level: 2 Name of MS4: Johnson County
Contact Name: Samuel Baxter Telephone Number: 817-556-6128
Mailing Address: <u>Johnson County Public Works 2 N. Mill St, Suite 305 Cleburne, Texas 76033</u>
E-mail Address: sbaxter@johnsoncountytx.org
A copy of the annual report was submitted to the TCEQ Region: YES \underline{X} NO_
Region the annual report was submitted to: TCEQ Region 4, Dallas/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.	Х		
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.).	Х	
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	X	

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)	ВМР	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
#1 Public Education	Texas Smartscape	Yes, Johnson County will work with the Master Gardeners of Johnson County to perform landscaping functions, and provide an information klosk to educate residents.
# 1 Public Education	Seminar Presentation	Yes, Johnson County will conduct seminars and incorporate stormwater information into these seminars.
#1 Public Education	Website	Yes, Johnson County maintains an informative website that distributes information regarding a variety of subjects important to residents and visitors.
#1 Public Education	Networking	Yes, Johnson County staff attends NCTCOG meetings and similar informative opportunities to keep abreast of stormwater related information.
#1 Public Education	Household Hazardous Waste	Yes, Provides a means for disposal of Household Hazardous Waste at drop off locations for residence.
#1 Public Education	Public Notice for Meetings	Yes, Both Johnson County Commissioner's Court and NCTCOG meetings meet TCEQ minimum requirements for public involvement and participation.
#1 Public Education	TPDES General Permit Yes, Post TPDES General Permit TXR040000 on County W	
# 1 Public Education	Post Draft SWMP on Website	Yes, Draft of SWMP was posted on County website.
#1 Public Education	Post approved SWMP on Website	Yes, Post approved SWMP on the County website.
#1 Public Education	Citizen Complaint Registry Yes, Johnson County monitors Citizen Complaint Registry alleged septic system failures, and suspected illicit discharge.	
#1 Public Education	Public outreach	Yes, Disseminate Household Hazardous Waste flyer at clay shoot events.
#2 Illicit Discharge Detection/ Elimination	Illegal Dumping Enforcement	Yes, Illegal dumping incidents are reported to the sheriff's office.

#2 Illicit Discharge Detection/Elimination	On-site sewage facilities	Yes, Johnson County inspects all new septic systems and investigates all alleged septic system failures and documents actions taken to correct
#2 Illicit Discharge Detection/Elimination	Roadway and drainage review	Problems. Yes, Johnson County inspects roadway and drainage ways, and investigates all suspected illicit discharges.
#2 Illicit Discharge Detection/Elimination	HHW	Yes, Johnson County partners with the city of Fort Worth for HHW disposal. Johnson County handed out 34 vouchers that were used for drop off of household hazardous waste.
#2 Illicit Discharge Detection/Elimination	Emergency Planning Procedure	Yes, Emergency Management responds to hazardous materials incidents in the unincorporated urbanized areas of Johnson County. No incidents reported.
#2 Illicit Discharge Detection/Elimination	Storm drain system mapping	Yes, Johnson County has developed a map of storm drains in the UUA of Johnson County.
#3 Construction Site Stormwater Runoff Control	Platting/Permitting Procedural Review	Yes, Platting and permitting procedures are reviewed to ensure procedures complies with the MS4 permitting requirements.
#3 Construction Site Stormwater Runoff Control	Review of Inter-Local Agreements	Yes, Inter-Local Agreements are periodically reviewed to ensure they include provisions that will ensure compliance with the MS4 stormwater permit.
#3 Construction Site Stormwater Control	Land Development Rules and Regulations	Yes, Development rules and regulations are reviewed to ensure compliance with MS4 stormwater permit.
#3 Construction Site Stormwater Runoff Control	NOI/CSN Files	Yes, A file for CSNs and NOI's is maintained.
#3 Construction Site Stormwater Runoff Control	iSWM program Implementation Tiered Measurement	Yes, Johnson County will utilize the iSWM program Implementation Tiered Measurement guide where applicable by state and local laws as a reference when approving plats, conducting inspections, and performing corrective measures that promote stormwater quality.
#4 Post-Construction Stormwater in New/Redevelopment	Pervious drainage systems	Yes, Johnson County generally allows developers and homebuilders as well as residents in the UA to use at grade, open/unlined grassy drainage ditches.
#4 Post-Construction Stormwater in New/Redevelopment	Drainage Analyses and Tracking	Yes, Johnson County will review plats for adequate culvert and storm drain design.
#4 Post-Construction Stormwater in New/Redevelopment	Texas Smartscape	Yes
#4Post-Construction Stormwater in New/Redevelopment	Floodplain Regulations	Yes, Johnson County will work within 44 CFR 60.3 flood management parameters to control, construct, manage and inspect any FEMA floodplains.
#4 Post-Construction Stormwater in New/Redevelopment	ISWM	Yes, Johnson County as applicable will utilize the iSWM program Implementation Tiered Measurement guide as a tool when approving plats, conducting inspections and performing corrective measures that promote stormwater quality.
#5 Pollution Good Housekeeping	County Facility Inventory	Yes, Johnson County maintains an inventory of facilities that are owned or operated by the County.

nts a training program to inform County ions and reporting violations and tracking
uate O&M activities associated with road oridge maintenance, cold weather aintenance.
ire contractors hired to perform bly with stormwater management operating on 3.7.
n

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):

МСМ	вмр	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1	Public Education, Outreach & Involvement	Flyer	34	Vouchers	Yes – Household Hazardous Waste dropped off for disposal.
1	Public Education, Outreach & Involvement	Complaints Reported	159	Reported	Yes - Illicit Discharge Detection/Elimination
2	2.Illicit Discharge	Observations	31	Drive by	Yes - Illicit Discharge Detection/Elimination
2	2. Illicit Discharge	Cases Entered in Software	190	Total Cases	Yes - Illicit Discharge Detection/Elimination

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	Texas Smartscape: Master Gardeners of Johnson County will maintain landscapes at County-owned facilities.	Met goal - Johnson County has developed a schematic of the Guinn Justice Center and a list of plants in the Annex Demonstration Garden.
1	Seminar Presentation: Conduct seminar once per year for the five-year permit term. The number of participants at the seminars	Pond Management Program- Joshua Community Room a. Portion of program discussed erosion and surface runoff along with herbicide runoff precautions. 31 Participants
	will be recorded	Soil Fertility Program- United Co-Op, Cleburne a. Program portion coved fertilizer use in lawns and how to minimize leaching and storm water pollution
		22 Participants
		Earth Kind Landscaping- Untied Co-Op, Cleburne a. Landscaping to benefit/limit environmental impact
		37 Participants
		Water Quality and Irrigation- Chisolm's Restaurant Meeting room, Godley Texas a. Program covered water source quality and testing
		18 Participants
		Youth educational program- Sheriff's Posse, Cleburne a. Covered ground water pollution and water sources and sustainability
		13 Participants
		Youth Education program- East Cleburne Community Center, Cleburne a. Erosion, Rivers, Lakes Water geared towards youth.
		17 Participants
1	Networking: Add links containing stormwater information on the County website.	Met goal - Links were added the prior permit term. No new links added for 2019. Johnson County will add new links as needed and record.
1	Networking: Record	Met goal - The ability to track the number of visits was acquired in late 2019.
	number of website visits.	Tracking will begin in the 2020 year.
1	Networking: Information for Household Hazardous Waste Drop off locations.	Met goal – 450 attendees Disseminate Household Hazardous Waste flyer at the Chisholm Trail Clay shoot.
1	Networking: Information for Household Hazardous Waste Drop off locations.	Did not meet goal - No event held in 2019. Disseminate Household Hazardous Waste flyer at the Crime Stopper Clay shoot.

1	Networking: Participate in	Met goal	
}	meetings and Regionally	Brochure	Total
	Developed Initiatives and	Yard Waste Flyer	84
	disperse information gleaned	Stormwater Crossword (kids)	104
	from these activities to	Urban Runoff	70
	citizens and employees of	Dirty Dozen Illegal Dumping	99 36
	Johnson County.	Construction Stormwater Permits	30
		brochure	25
1	Networking: Install rack at	Met goal - Completed installation of information	n rack.
	Burleson Annex building		
1	HHW: Monitor and report	Met goal - 34 Vouchers were used in 2019.	
	residents' participation.		
	Record educational material		
	distributed		
1	Public Notice: Staff will	Met goal - County staff attend NCTCOG events	and share gained information.
	verify that Commissioner's	mot god. Godiny olding the trop of a trong	Serve on an organization of the server of th
	Court and NCTCOG	4 events were attended in 2019.	
	meetings comply with public	To to the word and the and the	
	notice requirements and		
	include that information in		
	annual reports to TCEQ.		
1	Post Draft SWMP: Prior to	Met goal - Johnson County ensured the NOI an	d Notice of Application for Small
'	submittal to TCEQ accept	MS4 was printed in the Newspaper (Cleburne	Times Review) to inform public
	comments from public and	and begin generating comments.	, posici
	incorporate into SWMP as		
	appropriate		
1	Post Draft SWMP: Prior to	Met goal - Draft was placed on the Johnson Co	unty website for public viewing to inform
	submittal to TCEQ accept comments from public and	public and begin generating comments.	
	incorporate into SWMP as		
	appropriate		
1	Post Approved SWMP:	Met goal - The approved SWMP has been post	ed on the County website.
	After approval post for public	http://www.johnsoncountytx.org/home/showdoc	cument?id=7976
	access.		
1	Citizen Complaint:	Met goal - 190 complaints were reported with 1	81 investigated and 174 resolved. Johnson
	Registry: Investigate 80%	County has resolved 92% of cases for 2019.	-
	of citizen and staff reported	•	
	illicit discharges and septic		
	system failures in UUA within two weeks.		
2	Illegal Dumping:	Met goal - Illegal dumping incidents are referred	d to the Johnson County Sheriff's Office
_	Enforcement: Refer all	godga. admpnig malaama ara rafatta	and the second s
	cases of suspected illegal		
	dumping incidents to the		
	Sheriff's Office and record number of referrals and		
	disposition of those		
	referrals.		

	T	
2	Onsite Sewage Facilities: Track all inspections and corrective actions taken regarding OSSFs.	Met goal - Johnson County is tracking inspections and corrective actions regarding OSSFs. Johnson County has inspected 181 of 190 complaints with 174 closed for a rate of 92% for 2019.
2	Roadway and Drainage Review: Track all inspections and corrective actions taken regarding suspected illicit discharges.	Met goal - Johnson County is tracking actions taken regarding illicit discharges. 92% of suspected illicit discharge cases were resolved by Johnson County for the 2019 reporting year.
2	Emergency Planning Procedure	Met goal - Emergency Management manages emergency situations. No spills or discharges reported in 2019.
2	Storm Drain System Mapping	Met goal - Johnson County has developed a map of storm drains. No new drains added in 2019
3	Platting/Permitting: Johnson County will require that a SWPPP, CSNs, NOIs (when appropriate), and drainage studies be submitted during platting and before Development Permit applications are approved.	Met goal - Johnson County requires NOI, CSN, and SWPPP prior to approving development permits.
3	Inter-Local Agreements: Johnson County will periodically review inter-local agreements and ensure new agreements are compliant with the MS4 stormwater permit.	Met goal – Johnson County will ensure future inter-local agreements are compliant with the MS4 stormwater permit. Inter-local agreement for Alvarado, Cresson and Keene have changed in 2019
3	Land Development: Johnson County will ensure that new and existing development rules and regulations approved by the Commissioner's Court comply with MS4 stormwater permit requirements.	Met goal – 2019 Johnson County has gained new software to aid in the permitting process.
3	NOI/CSN File: Johnson County will establish a file for construction site NOIs and CSNs during Year 2 and maintain the file throughout the remainder of the permit term.	Met goal NOI - 1 CSN - 2 APO - 0
3	ISWM: Program Implementation Tired Measurement Document	Met goal - Johnson County Public Works uses the "iSWM Program Implementation Tiered Measurement" checklist as reference when approving plats, conducting inspections, and performing corrective measures that promote stormwater quality.

4	Post Construction: Stormwater Runoff Control	Met goal - Studies are done. None were required. Brochure "Steps to Obtain Construction Permits for Storm Water Discharges" Number given out 25.
4	Pervious Drainage Systems: Johnson County will allow open/unlined grassy drainage ditches and channels to receive and transport storm water runoff generated offsite (i.e. on adjacent private land) from impervious surfaces such as roofs, driveways, sidewalks, and private and public roads and streets.	Goal in progress - Johnson County allows open/unlined grassy drainage ditches and channels to receive and transport storm water runoff generated offsite (i.e. on adjacent private land) from impervious surfaces.
4	Drainage Analysis and Tracking: Johnson County will implement the drainage review process while reviewing plats and issuing development permits.	Goal in progress - Johnson County implemented the drainage review process in the last permit term. Pictures of stormwater run-off locations have been compiled in a computer file. New locations will be recorded as they arise.
4	Floodplain Regulation: Johnson County insures that current flood management procedures are in compliance.	Goal in process - Johnson County will work within 44 CFR 60.3 flood management parameters to control, construct, manage and inspect any FEMA floodplains.
5	Training: Johnson County will develop a training program and reporting forms during Year 1 of the Permit term.	Met goal – Shared with 600 employees in 2019. Time to Recycle Tire Collection 12 tips to prevent stormwater pollution Protecting water quality Put waste in its place Rain water harvesting with rain barrels Take the stormwater runoff challenge
5	County Operations and Maintenance Activities	Met goal - No discharges reported in 2019.

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.?

Inspectors do visual inspections for OSSF violations and look for illicit discharges. Inspectors also investigate OSSF nuisance complaints that are made to the Public Works office.

D.Impaired Waterbodies

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. N/A

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

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

Report the benchmark identified by the MS4 and assessment activities: N/A

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

Provide an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark: N/A

Benchmark Parameter	Selected BMP	Contribution to achieving Benchmark

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

Description of bacteria-focused BMP	Comments/Discussion

1. Assess the progress to determine BMP's effectiveness in achieving the benchmark. N/A

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.

Benchmark Indicator	Description/Comments

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	ВМР	Stormwater Activity	Description/Comments
1	Public Outreach	Public input	Johnson County accepts comments from the public as appropriate.
1	Public Outreach	Texas Smartscape	Johnson County will conduct a seminar.
1	Website	Public outreach, education, and involvement.	Ability to record the number of website visits was obtained in 2019 ahead of 2020 goal. Number of visits will be recorded for the 2020 reporting year.
1	Public Education	Post Annual MS4 report on Website	Post Annual MS4 report on the County website.
1	Public Education	Public outreach, education, and involvement.	Disseminate Household Hazardous Waste flyer at the Crime Stopper Clay shoot.
1	Public Education	Public outreach, education, and involvement.	Disseminate Household Hazardous Waste flyer at the Chisolm Trail Clay shoot.
1	Public Education	Public outreach, education, and involvement.	A rack has been installed at the Burleson Sub Courthouse. Add stormwater information to the rack and keep a count of brochures disseminated.
2	Illicit Discharge Detection/ Elimination	Storm drain system mapping	Evaluate and update map as new locations of storm drains have been added.
3	CSN/NOI Files	Stormwater runoff control	Keep a count of CSN's and NOI's.
3	Storm Drain System Mapping	Construction Site Stormwater Runoff Control	Map stormwater drains in Johnson County as needed.
3	Interdepartmental Review	Platting/Permitting Review	Make adjustments as needed to assist in the permitting and review process.
4	Floodplain Regulations	Post-construction stormwater management in new developments.	Johnson County will incorporate flood plain regulation in platting and permitting Procedures.
5	Training	Pollution Prevention and Good Housekeeping	Johnson County will practice Pollution Prevention and Good Housekeeping.

5	County Operation and Maintenance	Pollution Prevention and Good Housekeeping.	Johnson County will evaluate and identify potential pollutants emanating from O&M activities.

F. SWMP Modifications

	1. The SWMP and MCM implementation procedures are reviewed each year.
	_X_YesNo
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 reviewYes \underline{X} 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)

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.N/A

3. 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. $\underline{N/A}$

ВМР	Description	Implementation Schedule (start date, etc.)	Status/Completion Date (completed, in progress, not started)

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:
2.a. Is the permittee part of a group sharing a SWMP with other entities? Yes \underline{X} No
2.b. If "yes," is this a system-wide annual report including information for all permittees?
Yes X No
If "Yes," list all associated authorization numbers, permittee names, and SWM 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	
	that occurred in the jurisdictional area of the bmitted by construction site operators):
<u>2</u>	
2a. Does the permittee utilize the option	al seventh MCM related to construction?
Yes <u>X</u> No	
2b. If "yes," then provide the following in	nformation for this permit year:
The number of municipal construction authorized under this general pe	
The total number of acres disturbed for mu construction projects	nicipal
Note: Though the county MCM is ont	in a live along a totion must be requested on

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): Roger Harmon	Title: County Judge
Signature Para Hacon	March 23, 2000
Name of MS4	
	Title:
	Date:
Name of MS4	$N_{\rm eff}$
Name (printed):	Title:
Signature:	Date:
Name of MS4	
Name (printed):	Title:
Signature:	Date:
Name of MS4	
Name (printed):	Title:
Signature:	Date:
Name of MS4	

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.