

March 29, 2023

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 City of Hunters Creek Village
TPDES Authorization: TXR04026

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 TXR04026 for the City of Hunters Creek Village

The annual report is for Year 4. (The reporting period's beginning 1/1/2022 and ending 12/31/2022.

A separate Notice of Change has not been submitted based on the fact that changes have not been proposed for the next permit year.

BY REGULAR U.S. MAIL:
Texas Commission on Environmental Quality
Applications Review and Processing Team (MC-148)
P.O. Box 13087
Austin, Texas 78711-3087

As required by the general permit, a copy of the report has been mailed to the TCEQ's regional office 12 in Houston, Texas.

Sincerely,



Stephen L. Byington, P.E.

City Engineer

(713) 462-3242

Email: sbyington@cobbhendley.com

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR04026

Reporting Year: 4

Annual Reporting Year Option Selected by MS4:

Calendar Year: x

Permit Year: _____

Fiscal Year: _____ Last day of fiscal year: (_____)

Reporting period beginning date: (month/date/year) 1/1/2022

Reporting period end date: (month/date/year) 12/31/2022

MS4 Operator Level: 1 Name of MS4: Hunters Creek Village

Contact Name: Stephen Byington Telephone Number: (713) 462-3242

Mailing Address: 13430 Northwest Freeway, Suite 1100 Houston, TX 77040

E-mail Address: sbyington@cobbhendley.com

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

Region the annual report was submitted to: TCEQ Region 12

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.	<input checked="" type="checkbox"/>		
Permittee is currently in compliance with recordkeeping and reporting requirements.	<input checked="" type="checkbox"/>		
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	<input checked="" type="checkbox"/>		
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	<input checked="" type="checkbox"/>		

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	Attached	Table 1

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		Attached		Table	2

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	Attached	Table 3

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.?

The City, in partnership with the Buffalo Bayou Partnership, conducts monthly visual inspections and trash pickup events around Buffalo Bayou. Streams that have received rainfall events exceeding the the 25 year recurrence interval are inspected within 12 hours of the rain event. City staff is trained to identify occurrences of illicit discharge. Streets are swept periodically throughout the year, household trash is removed weekly, and there are quarterly removals of brush, or otherwise bulk trash.

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.

No newly-identified impaired waters within the permitted areas 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).

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.

The City discharges into Buffalo Bayou which is an impaired water body not meeting pathogen water quality standards and exceeds nickel in the system. The City has potential to contribute to the bacteria impairment but not the nickel impairment. The City has conducted training; vehicle maintenance; roadway maintenance; site and plan inspections; and waste disposal.

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

The city regularly inspects and provides maintenance to storm sewers, receives public input on construction activities, and sends educational material on stormwater pollution prevention to city residents.

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

Benchmark Parameter <i>(Ex: Total Suspended Solids)</i>	Benchmark Value	Description of additional sampling or other assessment activities	Year(s) conducted
Bacteria	WLA of 51.7 Billion MPN/day)		2012

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

Benchmark Parameter	Selected BMP	Contribution to achieving Benchmark
Bacteria	Street Sweeping	The city will sweep at least 20% of total lane miles within the city. This will reduce the amount of road pollution into the bayou.

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

Description of bacteria-focused BMP	Comments/Discussion
Stormsewer mapping	The city has identified and mapped all existing storm sewers within the MS4. This will allow the city to recognize where point pollutions could potentially take place due to broken pipes.
City staff training	Education provided to City maintenance staff to identify and remove illicit discharge.
Pre and Post Construction Inspections	The City is dedicated to construction inspections and ensuring that BMPs, as prescribed

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.

Benchmark Indicator	Description/Comments
N/A	

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	Stormwater Activity	Description/Comments
See		Attached	Table 4

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		

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.).

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.

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 any permit obligations?

___ Yes 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 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 (Large and Small Site Notices submitted by construction site operators):

1,156 construction and building permits were issued for the calendar year of 2022.

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

Yes No

2b. If "yes," then provide the following information for this permit year:

<p>The number of municipal construction activities authorized under this general permit</p>	
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The total number of acres disturbed for municipal construction projects	
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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): Stephen Byington Title: City Engineer

Signature:  Date: 3/29/2023

Name of MS4 City of Hunters Creek Village

Name (printed): _____ Title: _____

Signature: _____ Date: _____

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.

PROJECT:

PERMITTEE

DATE:

TABLE 1: PROVIDE A GENERAL ASSESSMENT OF THE APPROPRIATENESS OF THE SELECTED BMPS.
 USE TABLE BELOW OR ATTACH A SUMMARY AS APPROPRIATE

*Annual year end is December 31. Year 1 ends December 31, 2019 and Year 5 ends December 31, 2023.

MCM(s)	BMP ID	BMP	TIME FRAME	BMP IS APPROPRIATE FOR REDUCING THE DISCHARGE OF POLLUTANTS IN STORMWATER. (YES OR NO) EXPLAIN.
1: Public Education, Outreach and Involvement	1.A	Stormwater Outreach Material	*Annually for years 1-5	Yes. The more information that is distributed, the more likely to reduce the discharge of pollutants into stormwaters. Its also a good BMP to reach a diverse audience of people.
	1.B	Public Service Announcements	*Annually for years 1-5	
	1.C	Storm Inlet Stenciling	*Annually for years 1-5	
	1.D	List Server	January 1, 2021 through December 31, 2021	
	1.E	Initiate Public Participation and Involvement Programs	*Annually for years 1-5	
2: Illicit Discharge Detection and Elimination	2.A	Illicit discharge detection and elimination legal authority	*Annually for years 3-5.	Yes. By evaluating current City ordinances, the MS4 can determine if new ordinances should be adopted/replaced for detection and elimination of illicit discharges.
	2.B	Stormwater System Mapping Verification and Update	*Annually for years 3-5.	Yes. Updating the existing outfall map will improve the inspection and monitoring activities to remove illicit discharge.
	2.C	Employee Illicit Discharge Training	*Annually for years 1-5.	Yes. Training of municipal employees and contractors will minimize impacts of municipal operations on storm water quality.
	2.D	Public Disposal of Hazardous Waste and Oil Recycling	*Annually for years 1-5.	Yes. The MS4 informs residents where to dispose of hazardous waste properly which will reduce the discharge of pollutants.
	2.E	Public Reporting of Illicit Discharge	*Annually for years 1-5.	Yes. By having a hotline number for the Public to report illicit discharges within the MS4 will help notify the City so they can handle the situation efficiently.
3: Construction Site Storm Water Runoff Control	3.A	Construction Site Stormwater Runoff Control Legal Authority	*Annually for years 1-5	Yes. This BMP will minimize the migration of floatable and pollutants to receiving waters.
	3.B	Construction Plan Review	*Annually for years 1-5.	Yes. By streamlining the Construction Site Review process, the City Engineer will have more control to ensure compliance with erosion and sediment control.
	3.C	Construction Site Inspection	*Annually for years 1-5.	Yes. By streamlining the Construction Site Inspection process, the City Engineer will have more control to ensure compliance with erosion and sediment control.
	3.D	Receive Public Input on Construction Projects	*Annually for years 1-5.	Yes. Public concerns and inputs can be incorporated into existing activities that relate to construction site storm water runoff.
	3.E	Construction Staff Training	*Annually for years 1-5.	Yes. Training of municipal employees will minimize impacts of municipal operations on storm water quality.



STORM WATER MANAGEMENT PROGRAM
 2022 ANNUAL REPORT
 TPDES GENERAL PERMIT TXR040206
 CITY OF HUNTERS CREEK VILLAGE
 3/28/2023

PROJECT:

PERMITTEE

DATE:

**TABLE 1: PROVIDE A GENERAL ASSESSMENT OF THE APPROPRIATENESS OF THE SELECTED BMPS.
 USE TABLE BELOW OR ATTACH A SUMMARY AS APPROPRIATE**

***Annual year end is December 31. Year 1 ends December 31, 2019 and Year 5 ends December 31, 2023.**

MCM(s)	BMP ID	BMP	TIME FRAME	BMP IS APPROPRIATE FOR REDUCING THE DISCHARGE OF POLLUTANTS IN STORMWATER. (YES OR NO) EXPLAIN.
4: Post-Construction Stormwater Management in New Development and Redevelopment	4.A	Post-construction Stormwater Management Legal Authority	January 1, 2023 through December 31, 2023	Yes. An Ordinance will help to clarify and educate on construction site storm water runoff control.
	4.B	Site Plan Review and Approval Process	*Annually for years 1-5.	Yes. The City Engineer will have more control to consider potential water quality impacts of construction activities.
	4.C	Long Term Inspection Process	*Annually for years 1-5.	Yes. The inspection process will help identify post-construction problems related to storm water runoff.
5: Pollution Prevention/Good Housekeeping for Municipal Operations	5.A	City-Owned Facilities and Control Inventory	January 1, 2022 through December 31, 2022	Yes. The inventory that will be created in this BMP will help the City maintain its structural controls with an inspection process.
	5.B	Good-Housekeeping Training	*Annually for years 1-5.	Yes. Training of municipal employees and contractors will minimize impacts of municipal operations on storm water quality.
	5.C	Municipal Operation and Maintenance Activity Assessment	*Annually for years 1-5.	Yes. Timely inspection, evaluations, and assessments of municipal operations can minimize the discharge of pollutants to the MS4.
	5.D	Pet Waste Management in City Parks	*Annually for years 1-5.	Yes. By properly maintaining receptacles, the City will help reduce polluted storm water runoff.
	5.E	Street Sweeping	*Annually for years 1-5.	Yes. Street sweeping minimizes the migration of dirt, debris and other pollutants to receiving waters.
	5.F	Sanitary Sewer Rehabilitation	*Annually for years 1-5.	Yes. By establishing a sanitary sewer rehabilitation plan, the City will minimize existing sanitary infrastructure defects.
	5.G	Municipal Landscaping	January 1, 2022 through December 31, 2022	Yes. By enforcing hired contractors to follow landscaping guidelines, the more likely the City will reduce illicit discharges into the stormwater system.
	5.H	Spill Prevention Plans	*January 1, 2020 through December 31, 2023	Yes. The City will minimize spill contamination in the stormwater system by including and executing an accurate spill prevention plan.

PROJECT:	STORM WATER MANAGEMENT PROGRAM
PERMITTEE	2022 ANNUAL REPORT TPDES GENERAL PERMIT TXR040206 CITY OF HUNTERS CREEK VILLAGE
DATE:	3/29/2023
TABLE 2: DESCRIBE PROGRESS TOWARDS REDUCING THE DISCHARGE OF POLLUTANTS TO THE MAXIMUM EXTENT PRACTICABLE. SUMMARIZE ANY INFORMATION USE (SUCH AS MONITORING DATA) TO EVALUATE REDUCATIONS IN THE DISCHARGE OF POLLUTANTS. USE A TABLE OR ATTACH A NARRATIVE DESCRIPTION AS APPROPRIATE	

*Annual year end is December 31. Year 1 ends December 31, 2019 and Year 5 ends December 31, 2023.

MCM(s)	BMP ID	BMP	TIME FRAME	MEASURABLE GOAL(S)	QUANTITY	UNITS	DOES BMP DEMONSTRATE A DIRECT REDUCTION IN POLLUTANTS (YES/NO/EXPLAIN)
1: Public Education, Outreach and Involvement	1.A	Stormwater Outreach Material	*Annually for years 1-5	The City will renew their educational flyers contract with Harris County, annually. Educational flyers about public discharging, fats, oils, and grease clogging sanitary sewer lines are distributed to the public through this contract.	Met Goal.	Flyers	Yes, Harris County Contract states that the county will send out education flyers about public discharges to city residents each year.
	1.B	Public Service Announcements	*Annually for years 1-5	The City will utilize at least one public service announcement (PSA) annually through radio or television outlets.	Met Goal.	PSA	Yes, Harris County Contract states that the county will send out public service announcements to city residents each year.
	1.C	Storm Inlet Stenciling	*Annually for years 1-5	Stencil "DO NOT DUMP" on 100% of new storm inlets constructed throughout the City.	11	Inlet	Yes, 8 new inlets and 3 new outfalls were replaced with "DO NOT DUMP" Stenciled into lid.
	1.D	List Server	January 1, 2021 through December 31, 2021	Create a List Server with 100% of residential addresses within the MS4	Met Goal.	N/A	Yes, this will allow the city to keep track of all businesses and residents within the city.
	1.E	Initiate Public Participation and Involvement Programs	*Annually for years 1-5	Conduct at least 1 volunteer stormwater runoff project a year.	1	Event	Yes, residents have volunteered to help clean up debris from the bayou in the city.
2: Illicit Discharge Detection and Elimination	2.A	Illicit discharge detection and elimination legal authority	*Annually for years 3-5.	Review 100% of the existing ordinance for legal authority for the controls identified in the general permit	Met Goal.	N/A	Yes, ordinances will allow the city to enforce current stormwater management practices
	2.B	Stormwater System Mapping Verification and Update	*Annually for years 3-5.	Create a stormwater system map by December 31, 2021. The City will update 50% of the stormwater system map annually for years 4-5	Met Goal.	N/A	Yes, this allows the city to keep track of all stormsewers within the city and identify when these need maintenance.
	2.C	Employee Illicit Discharge Training	*Annually for years 1-5.	Conduct at least one training meeting on illicit discharges and record an employee attendance log	1	Training	Yes, this helps train all employees with current SWPPP techniques and BMPs
	2.D	Public Disposal of Hazardous Waste and Oil Recycling	*Annually for years 1-5.	Add waste oil collection information to City website and send one reminder in the City newsletter, annually.	1	Public Information	Yes, this offers public information to city residents about how to properly dispose of hazardous waste
	2.E	Public Reporting of Illicit Discharge	*Annually for years 1-5.	100% of illicit discharges will be recorded and documented annually.	Met Goal.	N/A	Yes, the city can record and take proper actions to clean up and enforce illicit discharge ordinances.
3: Construction Site Storm Water Runoff Control	3.A	Construction Site Stormwater Runoff Control Legal Authority	*Annually for years 1-5	Continue to enforce and review 100% of the existing ordinance and confirm that it provides legal authority for the controls identified in the general permit and continue to enforce those controls. Add clause to the City's ordinance to prohibited discharges.	Met Goal.	N/A	Yes, ordinances and criteria continue to be enforced and in use by incoming developers for the city.
	3.B	Construction Plan Review	*Annually for years 1-5.	Review 100% of new construction plans	22	Review	Yes, this ensures that all projects have adequate stormwater pollution prevention plans before starting construction.
	3.C	Construction Site Inspection	*Annually for years 1-5.	Inspect 100% of new construction sites within the MS4	22	Inspection	Yes, this ensures that all construction sites are in compliance with best stormwater management practices.
	3.D	Receive Public Input on Construction Projects	*Annually for years 1-5.	Conduct 1 construction project survey per year. Public inputs can also be received through the City website and at the designated phone number and mailing address.	1	Public Survey	Yes, public input allows the city to recognize potential illicit discharges and enforce SWPPP procedures.
	3.E	Construction Staff Training	*Annually for years 1-5.	The City will host a least 1 construction staff training per year.	1	Staff Training	Yes, this helps train all employees with current SWPPP techniques and BMPs
4: Post-Construction Stormwater Management in New Development and Redevelopment	4.A	Post-construction Stormwater Management Legal Authority	January 1, 2023 through December 31, 2023	Review, document, maintain, and update 100% city's current development code for requirements for post-construction maintenance of BMPs	N/A	N/A	Not Applicable Calendar Year 4.
	4.B	Site Plan Review and Approval Process	*Annually for years 1-5.	Review 100% of final inspections for post-construction runoff control measures conducted	22	Inspection	Yes, this ensures that all construction sites are in compliance with best stormwater management practices.
	4.C	Long Term Inspection Process	*Annually for years 1-5.	Inspect 20% of commercial and residential construction sites	22	Inspection	Yes, this ensures that all construction sites are in compliance with best stormwater management practices.

PROJECT:	STORM WATER MANAGEMENT PROGRAM 2022 ANNUAL REPORT
PERMITTEE	TPDES GENERAL PERMIT TXR040206 CITY OF HUNTERS CREEK VILLAGE
DATE:	3/29/2023

TABLE 2: DESCRIBE PROGRESS TOWARDS REDUCING THE DISCHARGE OF POLLUTANTS TO THE MAXIMUM EXTENT PRACTICABLE. SUMMARIZE ANY INFORMATION USE (SUCH AS MONITORING DATA) TO EVALUATE REDUCATIONS IN THE DISCHARGE OF POLLUTANTS. USE A TABLE OR ATTACH A NARRATIVE DESCRIPTION AS APPROPRIATE

*Annual year end is December 31. Year 1 ends December 31, 2019 and Year 5 ends December 31, 2023.

MCM(s)	BMP ID	BMP	TIME FRAME	MEASURABLE GOAL(S)	QUANTITY	UNITS	DOES BMP DEMONSTRATE A DIRECT REDUCTION IN POLLUTANTS (YES/NO/EXPLAIN)
5: Pollution Prevention/Good Housekeeping for Municipal Operations	5.A	City-Owned Facilities and Control Inventory	January 1, 2022 through December 31, 2022	<ul style="list-style-type: none"> Inventory/record 100% of municipal facilities and storm water controls through visual and operational inspection. Assess and record the pollutant discharge potential of 100% of all municipal facilities Develop/Review 100% of the maintenance procedures for the City's structural facilities 	Met Goal.	N/A	Yes, this ensures that all city staff are educated on storm water pollution procedures and how to handle potential pollution discharge within municipal facilities.
	5.B	Good-Housekeeping Training	*Annually for years 1-5.	Conduct 1 training per year and record an employee attendance log	1	Employee Training	Yes, this helps train all employees with current SWPPP techniques and BMPs
	5.C	Municipal Operation and Maintenance Activity Assessment	*Annually for years 1-5.	<ul style="list-style-type: none"> Identify all additional pollutants of concerns of concerns at 100% for all O&M activities Evaluate and assess 20% of the O&M activities for potential stormwater pollutant discharge Visually inspect 20% of City owned facilities to ensure they are working properly. Keep a log of inspections. 	Met Goal.	N/A	Yes, this allows the city to identify and provide maintenance when necessary to all city facilities
	5.D	Pet Waste Management in City Parks	*Annually for years 1-5.	Supply 100% of the pet waste bag stations at 100% of the City parks	25	Waste Baskets	Yes, this helps eliminate pet waste from infiltrating the soil.
	5.E	Street Sweeping	*Annually for years 1-5.	Sweep 20% of the total lane miles throughout the MS4	2 Miles, 4 Times	Miles	Yes, this reduces the amount of debris entering the storm sewer from the road.
	5.F	Sanitary Sewer Rehabilitation	*Annually for years 1-5.	Complete 20% of current Grade 4-5 (Grade 4 = 1-3-year attention, Grade 5 = immediate attention) sanitary sewer main replacements	890	LF	Yes, this allows the city to properly maintain drainage and reduce the amount of stormwater pollution cause by leaks in sewer
	5.G	Municipal Landscaping	January 1, 2022 through December 31, 2022	Review the operations and maintenance procedures for 100% of Municipal Landscaping	Met Goal.	N/A	Yes, this ensures that city policy and procedures regarding landscape control potential contaminates such as fertilizers from entering the storm sewer.
	5.H	Spill Prevention Plans	*January 1, 2020 through December 31, 2023	Evaluate 100% of identified facilities and determine if SPCC plans are required. Create SPCC Plans for 25% of Permittee owned facilities a year.	Met Goal.	N/A	Yes, this allows the city to identify and provide maintenance when necessary to all city facilities

PROJECT:
PERMITTEE
DATE:

STORM WATER MANAGEMENT PROGRAM
2022 ANNUAL REPORT
TPDES GENERAL PERMIT TXR040206
CITY OF HUNTERS CREEK VILLAGE
3/29/2023

TABLE 3: PROVIDE THE MEASURABLE GOALS FOR EACH OF THE MCMs, AND AN EVALUATION OF THE SUCCESS OF THE IMPLEMENTATION OF THE MEASURABLE GOALS

*Annual year end is December 31. Year 1 ends December 31, 2019 and Year 5 ends December 31, 2023.

MCM(s)	BMP ID	BMP	TIME FRAME	MEASURABLE GOALS(S)	SUCCESS
1: Public Education, Outreach and Involvement	1.A	Stormwater Outreach Material	*Annually for years 1-5	The City will renew their educational flyers contract with Harris County, annually. Educational flyers about public discharging, fats, oils, and grease clogging sanitary sewer lines are distributed to the public through this contract.	Met goal. Harris county distributes educational flyers to city residents annually.
	1.B	Public Service Announcements	*Annually for years 1-5	The City will utilize at least one public service announcement (PSA) annually through radio or television outlets.	Met goal. PSA Announcements regarding stormwater pollution prevention were uploaded to the City's webpage and community emails.
	1.C	Storm Inlet Stenciling	*Annually for years 1-5	Stencil "DO NOT DUMP" on 100% of new storm inlets constructed throughout the City.	Met goal. City has adopted new standard detail with the words "do not dump" on all storm inlets and manholes
	1.D	List Server	January 1, 2021 through December 31, 2021	Create a List Server with 100% of residential addresses within the MS4	Met goal. City has created a list server of all residents in the city.
	1.E	Initiate Public Participation and Involvement Programs	*Annually for years 1-5	Conduct at least 1 volunteer stormwater runoff project a year.	Met goal. Coordinated with boy scouts to clean up bayou in Hunters Creek
2: Illicit Discharge Detection and Elimination	2.1	Illicit discharge detection and elimination legal authority	*Annually for years 3-5.	Review 100% of the existing ordinance for legal authority for the controls identified in the general permit	Met goal.
	2.2	Stormwater System Mapping Verification and Update	*Annually for years 3-5.	Create a stormwater system map by December 31, 2021. The City will update 50% of the stormwater system map annually for years 4-5	Met goal. stormsewer map updated.
	2.3	Employee Illicit Discharge Training	*Annually for years 1-5.	Conduct at least one training meeting on illicit discharges and record an employee attendance log	Met goal.
	2.D	Public Disposal of Hazardous Waste and Oil Recycling	*Annually for years 1-5.	Add waste oil collection information to City website and send one reminder in the City newsletter, annually.	Met goal. Oil collection information was reviewed and updated on the City's webpage.
	2.E	Public Reporting of Illicit Discharge	*Annually for years 1-5.	100% of illicit discharges will be recorded and documented annually.	Met goal. No reports of illicit discharge during 2022
3: Construction Site Storm Water Runoff Control	3.A	Construction Site Stormwater Runoff Control Legal Authority	*Annually for years 1-5	Continue to enforce and review 100% of the existing ordinance and confirm that it provides legal authority for the controls identified in the general permit and continue to enforce those controls. Add clause to the City's ordinance to prohibited discharges.	Met goal. City now requires all construction plansets to include a SWPPP plan and details.
	3.B	Construction Plan Review	*Annually for years 1-5.	Review 100% of new construction plans	Met goal.
	3.C	Construction Site Inspection	*Annually for years 1-5.	Inspect 100% of new construction sites within the MS4	Met goal.
	3.D	Receive Public Input on Construction Projects	*Annually for years 1-5.	Conduct 1 construction project survey per year. Public inputs can also be received through the City website and at the designated phone number and mailing address.	Met goal. Public input on all construction projects is received through the city's website.
	3.E	Construction Staff Training	*Annually for years 1-5.	The City will host a least 1 construction staff training per year.	Met goal.
4: Post-Construction Stormwater Management in New Development and Redevelopment	4.A	Post-construction Stormwater Management Legal Authority	January 1, 2023 through December 31, 2023	Review, document, maintain, and update 100% city's current development code for requirements for post- construction maintenance of BMPs	Not applicable calendar year 4.
	4.B	Site Plan Review and Approval Process	*Annually for years 1-5.	Review 100% of final inspections for post-construction runoff control measures conducted	Met goal.
	4.C	Long Term Inspection Process	*Annually for years 1-5.	Inspect 20% of commercial and residential construction sites	Met goal.

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TABLE 3: PROVIDE THE MEASURABLE GOALS FOR EACH OF THE MCMs, AND AN EVALUATION OF THE SUCCESS OF THE IMPLEMENTATION OF THE MEASURABLE GOALS

*Annual year end is December 31. Year 1 ends December 31, 2019 and Year 5 ends December 31, 2023.

MCM(s)	BMP ID	BMP	TIME FRAME	MEASURABLE GOALS(S)	SUCCESS
5: Pollution Prevention/Good Housekeeping for Municipal Operations	5.A	City-Owned Facilities and Control Inventory	January 1, 2022 through December 31, 2022	<ul style="list-style-type: none"> Inventory/record 100% of municipal facilities and storm water controls through visual and operational inspection. Assess and record the pollutant discharge potential of 100% of all municipal facilities Develop/Review 100% of the maintenance procedures for the City's structural facilities 	Met goal. All municipal facilities were inspected and sources of pollutant discharge were noted.
	5.B	Good-Housekeeping Training	*Annually for years 1-5.	Conduct 1 training per year and record an employee attendance log	Yes, employee training conducted during annual city meeting.
	5.C	Municipal Operation and Maintenance Activity Assessment	*Annually for years 1-5.	<ul style="list-style-type: none"> Identify all additional pollutants of concerns of concerns at 100% for all O&M activities Evaluate and assess 20% of the O&M activities for potential stormwater pollutant discharge Visually inspect 20% of City owned facilities to ensure they are working properly. Keep a log of inspections. 	Met goal. City maintains and inspects all city owned facilities for pollutants.
	5.D	Pet Waste Management in City Parks	*Annually for years 1-5.	Supply 100% of the pet waste bag stations at 100% of the City parks	Met goal. 25 pet waste baskets through the city were maintained regularly
	5.E	Street Sweeping	*Annually for years 1-5.	*Sweep 20% of the total lane miles throughout the MS4	Met goal.
	5.F	Sanitary Sewer Rehabilitation	*Annually for years 1-5.	*Complete 20% of current Grade 4-5 (Grade 4 = 1-3-year attention, Grade 5 = immediate attention) sanitary sewer main replacements	Met goal. 890 LF of stormsewer was evaluated and rehabilitated this year.
	5.G	Municipal Landscaping	January 1, 2022 through December 31, 2022	Review the operations and maintenance procedures for 100% of Municipal Landscaping	Met goal. Operations and maintenance procedures for landscaping were reviewed.
	5.H	Spill Prevention Plans	*January 1, 2020 through December 31, 2023	Evaluated 100% of identified facilities and determine if SPCC plans are required. Create SPCC Plans for 25% of Permittee owned facilities a year.	Met goal. Evaluated SPCC plan for city facilities.

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TABLE 4: DESCRIBE ANY STORMWATER ACTIVITIES THE MS4 OPERATOR HAS PLANNED FOR THE NEXT REPORTING YEAR. USE ANY TABLE OR ATTACH A SUMMARY.

*Annual year end is December 31. Year 1 ends December 31, 2019 and Year 5 ends December 31, 2023.

MCM(s)	BMP ID	BMP	STORM WATER ACTIVITY	DESCRIPTION/COMMENTS
1: Public Education, Outreach and Involvement	1.A	Stormwater Outreach Material	The City will renew their educational flyers contract with Harris County,	BMP is ongoing through next year.
	1.B	Public Service Announcements	The City will utilize at least one public service announcement (PSA) annually through radio or television outlets.	BMP is ongoing through next year.
	1.C	Storm Inlet Stenciling	Stencil "DO NOT DUMP" on 100% of new storm inlets constructed throughout the City.	BMP is ongoing through next year.
	1.D	List Server	Create a List Server with 100% of residential addresses within the MS4	BMP is ongoing through next year.
	1.E	Initiate Public Participation and Involvement Programs	Conduct at least 1 volunteer stormwater runoff project a year.	BMP is ongoing through next year.
2: Illicit Discharge Detection and Elimination	2.1	Illicit discharge detection and elimination legal authority	Review 100% of the existing ordinance for legal authority for the controls identified in the general permit	BMP is ongoing through next year.
	2.2	Stormwater System Mapping Verification and Update	Create a stormwater system map by December 31, 2021.	BMP is ongoing through next year.
	2.3	Employee Illicit Discharge Training	Conduct at least one training meeting on illicit discharges and record an employee	BMP is ongoing through next year.
	2.D	Public Disposal of Hazardous Waste and Oil Recycling	Add waste oil collection information to City website and send one reminder in the City newsletter, annually.	BMP is ongoing through next year.
	2.E	Public Reporting of Illicit Discharge	100% of illicit discharges will recorded and documented annually.	BMP is ongoing through next year.
3: Construction Site Storm Water Runoff Control	3.A	Construction Site Stormwater Runoff Control Legal Authority	the existing ordinance and confirm that it provides legal authority for the	BMP is ongoing through next year.
	3.B	Construction Plan Review	Review 100% of new construction plans	BMP is ongoing through next year.
	3.C	Construction Site Inspection	Inspect 100% of new construction sites within the MS4	BMP is ongoing through next year.
	3.D	Receive Public Input on Construction Projects	Conduct 1 construction project survey per year. Public inputs can also be received through the City website and at the designated phone number and mailing address.	BMP is ongoing through next year.
	3.E	Construction Staff Training	The City will host a least 1 construction staff training per year.	BMP is ongoing through next year.

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*Annual year end is December 31. Year 1 ends December 31, 2019 and Year 5 ends December 31, 2023.

MCM(s)	BMP ID	BMP	STORM WATER ACTIVITY	DESCRIPTION/COMMENTS
4: Post-Construction Stormwater Management in New Development and Redevelopment	4.A	Post-construction Stormwater Management Legal Authority	Review, document, maintain, and update 100% city's current development code	BMP is ongoing through next year.
	4.B	Site Plan Review and Approval Process	Review 100% of final inspections for post-construction runoff control measures	BMP is ongoing through next year.
	4.C	Long Term Inspection Process	Inspect 20% of commercial and residential construction sites	BMP is ongoing through next year.
5: Pollution Prevention/Good Housekeeping for Municipal Operations	5.A	City-Owned Facilities and Control Inventory	•Inventory/record 100% of municipal facilities and storm water controls	BMP is ongoing through next year.
	5.B	Good-Housekeeping Training	Conduct 1 training per year and record an employee attendance log	BMP is ongoing through next year.
	5.C	Municipal Operation and Maintenance Activity Assessment	•Identify all additional pollutants of concerns of concerns at 100% for all O&M activities •Evaluate and assess 20% of the O&M activities for potential stormwater pollutant discharge •Visually inspect 20% of City owned facilities to ensure they are working properly. Keep a log of inspections.	BMP is ongoing through next year.
	5.D	Pet Waste Management in City Parks	Supply 100% of the pet waste bag stations at 100% of the City parks	BMP is ongoing through next year.
	5.E	Street Sweeping	Sweep 20% of the total lane miles throughout the MS4	BMP is ongoing through next year.
	5.F	Sanitary Sewer Rehabilitation	Complete 20% of current Grade 4-5 (Grade 4 = 1-3-year attention, Grade 5 = immediate attention) sanitary sewer main replacements	BMP is ongoing through next year.
	5.G	Municipal Landscaping	Review the operations and maintenance procedures for 100% of Municipal Landscaping	BMP is ongoing through next year.
	5.H	Spill Prevention Plans	Evaluate 100% of identified facilities and determine if SPCC plans are required. Create SPCC Plans for 25% of Permittee owned facilities a year.	BMP is ongoing through next year.