

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 Mont Belvieu
TPDES Authorization: TXR040499

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 TXR040499 for the City of Mont Belvieu

The annual report is for Year 3 (select the appropriate number 1, 2, 3, 4, or 5). The reporting period's beginning 1/1/2021 and ending 12/31/2021.

A separate Notice of Change has not been submitted based on the fact that changes have not been proposed for the next permit year. The Notice of Change was submitted to TCEQ's Applications Review and Processing Team (MC-148):

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 11 in Austin, Texas.

Sincerely,

Ricardo Villagrand, P.E., C.F.M.
City Engineer
(281) 576-2213, ext. 232
Email: rvillagrand@montbelvieu.net

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040499

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

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) 1/1/2021

Reporting period end date: (month/date/year) 12/31/2021

MS4 Operator Level: 1 Name of MS4: Mont Belvieu

Contact Name: Ricardo Villagrand Telephone Number: (281) 576-2213

Mailing Address: 11607 Eagle Dr. P.O. Box 1048 Mont Belvieu, TX 77580

E-mail Address: rvillagrand@montbelvieu.net

A copy of the annual report was submitted to the TCEQ Region: NO

Region the annual report was submitted to: TCEQ Region 11

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 MS4 has regularly inspected its stormwater facilities and monitored for any signs of illicit discharge. The City has also adopted a reporting email where residents can report any signs of illicit discharge. The City hosted SWPPP training seminars from private vendors to educate the public works staff.

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 has continued to implement the creation of the Supplemental Detention Criteria documentation that supplements stormwater detention infrastructure requirements with maintenance, vegetation and irrigation requirements and incentives. The supplemental criteria will be instrumental in continuing efforts of good environmental stewardship. Also, the City's WWTP has been retrofitted with

new infrastructure, including but not limited to: clarifiers and pretreatment facilities. The new infrastructures for the WWTP were completed in 2018.

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

The MS4 discharges directly into Segment 0901 (Cedar Bayou), Segment 0801C (Cotton Bayou), and Segment 0801B (Old River). Segment 0801B is not impaired. Segment 0901 (Cedar Bayou) is impaired for bacteria (additional information is being collected), dioxin in edible tissue (TMDL are underway), and PCBs in edible tissue (TMDL are underway). Segment 0801C (Cotton Bayou) is impaired for bacteria and depressed dissolved oxygen (additional information is being collected for both impairments).

- 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
N/A			

- 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
N/A		

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

Description of bacteria-focused BMP	Comments/Discussion
Stormsewer mapping	Mobilizing GIS to identify outfalls and developing a GIS web portal on a mobile device to record illicit discharge incidents (including SSOs). GIS project has progressed to Phase 4 of 5.
Stormwater Runoff Control Ordinance	Adoption of Supplemental Detention Criteria that requires maintenance responsibility plans between Owner and City, specifically identifying frequency of maintenance activities and consequences of non-compliance.
City staff training	Education provided to City maintenance staff to identify and remove illicit discharge.
Encouragement of Low Impact Designs	Adoption of Supplemental Detention Criteria which references and incentivizes LID BMPs, as prescribed by the H-GAC.
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):

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:

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

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): Ricardo Villagrand Title: City Engineer

Signature: _____ Date: _____

Name of MS4 City of Mont Belvieu

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name of MS4 _____

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.



PROJECT:	STORM WATER MANAGEMENT PROGRAM 2021 GENERAL PERMIT
PERMITTEE	TPDES GENERAL PERMIT TXR040499 THE CITY OF MONT BELVIEU
DATE:	3/30/2022

BMP TABLE: DESCRIBES THE BMPs USED TO REDUCE 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

MCM(s)	BMP ID	BMP	TIME FRAME	MEASURABLE GOAL(S)
1: Public Education, Outreach and Involvement	1.1	Create educational brochures about storm water pollution runoff	January 1, 2022 thru December 31, 2023	Produce 100 educational brochures about storm water pollution prevention runoff within the 1st year of the new 2019 SWMP. Display at the front of Mont Belvieu's City Hall. Re-stock the brochures as needed for the years after.
	1.2	Create an educational utility bill inserts about storm water pollution runoff	January 1, 2022 thru December 31, 2023	Create and send out an educational utility bill inserts every six months starting year 2020.
	1.3	Public service messages for local CATV on storm water pollution runoff.	January 1, 2022 thru December 31, 2023	Produce a local CATV public service announcements about educational storm water runoff facts every six months starting 2020.
	1.4	Promote public involvement event that relates to storm water pollution education such as a hazardous waste event.	January 1, 2022 thru December 31, 2023	Create 1 public involvement event each year.
	1.5	List Server	January 1, 2019 thru December 31, 2023	Create a list server within 2 years of the new 2019 SWMP of 100% of the City's residents.
2: Illicit Discharge Detection and Elimination	2.1	Discharge detection and elimination legal authority	January 1, 2022 thru December 31, 2023	Verify that existing ordinance provides legal authority for the controls identified in the general permit within the first 2 years of the new 2019 SWMP. Then create/adopt minimum guidelines for illicit discharge elimination as deemed necessary from year 3 to year 5.
	2.2	Stormwater system verification and update	January 1, 2019 thru December 31, 2023	Update the City GIS system by the end of 2020. Keep City GIS system updated every year following this BMP deadline.
	2.3	Employee training	January 1, 2019 thru December 31, 2023	Conduct 1 employee training event on stormwater pollution runoff each year for the duration of this SWMP.
	2.4	Removal of fats, oils, grease (FOG) from the wastewater collection system	January 1, 2022 thru December 31, 2023	*Post FOG facts on City webpage by the end of 2020 *Send educational FOG pamphlets to residents or produce an informative newspaper message covering FOG facts once a year for the duration of the SWMP.
	2.5	Waste oil recycling	January 1, 2023 thru December 31, 2023	*Send out public service announcements every 6 months on City's webpage about waste oil recycling facts and events. *Add information on City webpage by the end of 2020.
	2.6	Illicit discharge inspection	January 1, 2019 thru December 31, 2023	Report and record 100% of all illicit discharges within MS4 limits on the City's webpage every year.



PROJECT:	STORM WATER MANAGEMENT PROGRAM 2021 GENERAL PERMIT
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DATE:	3/30/2022

BMP TABLE: DESCRIBES THE BMPs USED TO REDUCE THE DISCHARGE OF POLLUTANTS TO THE MAXIMUM EXTENT PRACTICABLE. SUMMARIZE ANY INFORMATION USE (SUCH AS MONITORING DATA) TO EVALUATE REDUCTIONS IN THE DISCHARGE OF POLLUTANTS. USE A TABLE OR ATTACH A NARRATIVE DESCRIPTION AS APPROPRIATE

MCM(s)	BMP ID	BMP	TIME FRAME	MEASURABLE GOAL(S)
3: Construction Site Storm Water Runoff Control	3.1	Ordinance requiring erosion and sediment control	January 1, 2019 thru December 31, 2023	Verify that existing ordinance provides legal authority for the controls identified in the general permit within the first 2 years of the 2019 SWMP.
	3.2	Construction site plan review and approval procedures	January 1, 2019 thru December 31, 2023	Record 100% of the construction site plan reviews each year. Review and amend construction site plan review procedures as necessary each year.
	3.3	Construction site inspections and enforcement	January 1, 2019 thru December 31, 2023	Record 100% of the construction site inspections each year.
	3.4	Receive public input on construction projects	January 1, 2019 thru December 31, 2023	Record 100% of the public's input on construction projects within the MS4 each year.
	3.5	Construction site operation education	January 1, 2022 thru December 31, 2023	Produce an educational construction site operation pamphlets within the first 2 years. Provide and record 100% of the education pamphlets given to contractors that work within the MS4 every year starting 2021.
4: Post-Construction Stormwater Management in New Development and Redevelopment	4.1	Post-construction ordinance	January 1, 2019 thru December 31, 2020	Review and update the city's current development code for requirements for post- construction maintenance of BMPs for new development and redevelopment construction sites of 1 acre or more, and in projects of less than 1 acre that are part of a larger common plan of development, redevelopment, or sale within the first 2 years of the new 2019 SWMP.
	4.2	Plan review and approval procedures for post-construction BMPs	January 1, 2022 thru December 31, 2023	Review and amend post-construction site plan review and inspection procedures within the first year of the new 2019 SWMP and amend as necessary each year. Record 100% of the final inspections of construction projects within the MS4 each year.
	4.3	Develop a program of maintenance of structural controls within the MS4	January 1, 2022 thru December 31, 2023	In the first 2 years, conduct inventory of structural runoff controls. In year 3, develop a GIS to integrate the location of those controls. Conduct 1 inspection each year starting 2022.
5: Pollution Prevention/Good Housekeeping for Municipal Operations	5.1	Pollution prevention spill training	January 1, 2019 thru December 31, 2023	Develop a pollution prevention workshop in year 1. Hold a pollution prevention training workshop for municipal employees every year starting in 2020.
	5.2	Maintenance contractor requirements and oversight	January 1, 2021 thru December 31, 2023	Revise city contracts for facility maintenance to require contractor compliance with stormwater pollution prevention and good housekeeping practices within year 3 of the new 2019 SWMP.
	5.3	Assessment of City Facilities and Operations	January 1, 2019 thru December 31, 2023	Evaluate O&M activities for potential stormwater pollutant discharge and identify pollutants of concern that could be released from O&M activities within the first 2 years of the new 2019 SWMP. City will place spill kits at 100% of all municipal facilities with a high risk of spills and leaks by year 5 of the new 2019 SWMP.
	5.4	Pet waste management in City parks	January 1, 2019 thru December 31, 2023	Maintain 100% of the pet waste baskets within City/MS4 parks each year.
	5.5	Maintenance of roadways	January 1, 2019 thru December 31, 2023	Maintain/rehab/replace/sweep one mile of roadway each year.
	5.6	Sanitary sewer rehabilitation	January 1, 2020 thru December 31, 2023	Investigate and/or rehabilitate 1000 LF of sanitary sewer pipe each year.



PROJECT:

STORM WATER MANAGEMENT PROGRAM

PERMITTEE

2021 ANNUAL REPORT

TPDES GENERAL PERMIT TXR040499

DATE:

THE CITY OF MONT BELVIEU

3/30/2022

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

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	1.1	Create educational brochures about storm water pollution runoff	January 1, 2022 thru December 31, 2023	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.
	1.2	Create an educational utility bill inserts about storm water pollution runoff	January 1, 2022 thru December 31, 2023	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.
	1.3	Public service messages for local CATV on storm water pollution runoff.	January 1, 2022 thru December 31, 2023	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.
	1.4	Promote public involvement event that relates to storm water pollution education such as a hazardous waste event.	January 1, 2022 thru December 31, 2023	Yes. Public involvement will help make the public aware of the importance of stormwater pollution runoff.
	1.5	List Server	January 1, 2019 thru December 31, 2023	Yes. A list server will help the MS4 communicate more efficiently with it's residents.
2: Illicit Discharge Detection and Elimination	2.1	Discharge detection and elimination legal authority	January 1, 2022 thru December 31, 2023	Yes. By evaluating current City ordinances, the MS4 can determine if new ordinances should be adopted/replaced for detection and elimination of illicit discharges.
	2.2	Stormwater system verification and update	January 1, 2019 thru December 31, 2023	Yes. Updating the existing outfall map will improve the inspection and monitoring activities to remove illicit discharge.
	2.3	Employee training	January 1, 2019 thru December 31, 2023	Yes. Training of municipal employees and contractors will minimize impacts of municipal operations on storm water quality.
	2.4	Removal of fats, oils, grease (FOG) from the wastewater collection system	January 1, 2022 thru December 31, 2023	Yes. The MS4 can reduce the discharge of pollutants by distributing, tracking, and evaluating the number of views, pamphlets, issues on illicit discharges such as FOG.
	2.5	Waste oil recycling	January 1, 2023 thru December 31, 2023	Yes. The MS4 collects waste oil weekly which helps residents dispose of oils properly and reduce the discharge pf pollutants.
	2.6	Illicit discharge inspection	January 1, 2019 thru December 31, 2023	Yes. Inspections reduce the potential for illicit discharges.
3: Construction Site Storm Water Runoff Control	3.1	Ordinance requiring erosion and sediment control	January 1, 2019 thru December 31, 2023	Yes. This BMP will minimize the migration of floatables and pollutants to receiving waters.
	3.2	Construction site plan review and approval procedures	January 1, 2019 thru December 31, 2023	Yes. By streamlining the construction site review process, the City Engineer will have more control to ensure compliance with erosion and sediment control.
	3.3	Construction site inspections and enforcement	January 1, 2019 thru December 31, 2023	Yes. By streamlining the construction site inspection process, the City Engineer will have more control to ensure compliance with erosion and sediment control.
	3.4	Receive public input on construction projects	January 1, 2019 thru December 31, 2023	Yes. Public concerns and inputs can be incorporated into existing activities that relate to construction site storm water runoff.
	3.5	Construction site operation education	January 1, 2022 thru December 31, 2023	Yes. An Ordinance will help to clarify and educate on construction site storm water runoff control.



PROJECT:

STORM WATER MANAGEMENT PROGRAM
2021 ANNUAL REPORT

PERMITTEE

TPDES GENERAL PERMIT TXR040499
THE CITY OF MONT BELVIEU

DATE:

3/30/2022

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

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	4.1	Post-construction ordinance	January 1, 2019 thru December 31, 2020	Yes. The City Engineer will have more control to consider potential water quality impacts of construction activities.
	4.2	Plan review and approval procedures for post-construction BMPs	January 1, 2022 thru December 31, 2023	Yes. The inspection process will help identify post-construction problems related to storm water runoff.
	4.3	Develop a program of maintenance of structural controls within the MS4	January 1, 2022 thru December 31, 2023	Yes. The inventory that will be created in this BMP will help the City maintain its structural controls with an inspection process.
5: Pollution Prevention/Good Housekeeping for Municipal Operations	5.1	Pollution prevention spill training	January 1, 2019 thru December 31, 2023	Yes. Training of municipal employees and contractors will minimize impacts of municipal operations on storm water quality.
	5.2	Maintenance contractor requirements and oversight	January 1, 2021 thru December 31, 2023	Yes. The more information that is distributed, the more likely to reduce the discharge of pollutants into stormwater.
	5.3	Assessment of City Facilities and Operations	January 1, 2019 thru December 31, 2023	Yes. Timely inspection, evaluations, and assessments of municipal operations can minimize the discharge of pollutants to the MS4.
	5.4	Pet waste management in City parks	January 1, 2019 thru December 31, 2023	Yes. By properly maintaining receptacles, the City will help reduce polluted storm water runoff.
	5.5	Maintenance of roadways	January 1, 2019 thru December 31, 2023	Yes. Street sweeping minimizes the migration of dirt, debris and other pollutants to receiving waters.
	5.6	Sanitary sewer rehabilitation	January 1, 2020 thru December 31, 2023	Yes. The improved collection capacity and infrastructure will help mitigate pollutant discharges from the system.

PROJECT:	STORM WATER MANAGEMENT PROGRAM
PERMITTEE	2021 ANNUAL REPORT TPDES GENERAL PERMIT TXR040499 THE CITY OF MONT BELVIEU
DATE:	3/30/2022

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 REDUCTIONS IN THE DISCHARGE OF POLLUTANTS. USE A TABLE OR ATTACH A NARRATIVE DESCRIPTION AS APPROPRIATE

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	1.1	Create educational brochures about storm water pollution runoff	January 1, 2022 thru December 31, 2023	Produce 100 educational brochures about storm water pollution prevention runoff. Display at the front of Mont Belvieu's City Hall. Re-stock the brochures as needed for the years after.	N/A	Brochures	Not Applicable in calendar year 3.
	1.2	Create an educational utility bill inserts about storm water pollution runoff	January 1, 2022 thru December 31, 2023	Create and send out an educational utility bill inserts every six months starting year 2022.	N/A	Brochures	Not Applicable in calendar year 3.
	1.3	Public service messages for local CATV on storm water pollution runoff.	January 1, 2022 thru December 31, 2023	Produce a local CATV public service announcement about educational storm water runoff facts every six months starting 2022.	N/A	Public Service Announcement	Not Applicable in calendar year 3.
	1.4	Promote public involvement event that relates to storm water pollution education such as a hazardous waste event.	January 1, 2022 thru December 31, 2023	Create 1 public involvement event each year.	N/A	Event	Not Applicable in calendar year 3.
	1.5	List Server	January 1, 2019 thru December 31, 2023	Create a list server of the City's residents. Update list for years 2-5	Met goal. Approximately 7654 on list	List	Yes, this will inform the public of the importance of maintaining clean stormwater.
2: Illicit Discharge Detection and Elimination	2.1	Discharge detection and elimination legal authority	January 1, 2022 thru December 31, 2023	Verify that existing ordinance provides legal authority for the controls identified in the general permit within the first 3 years of the new 2019 SWMP. Then create/adopt minimum guidelines for illicit discharge elimination as deemed necessary from year 4 to year 5.	N/A	Regulatory Mechanism	Not Applicable in calendar year 3.
	2.2	Stormwater system verification and update	January 1, 2019 thru December 31, 2023	Update the City GIS system by the end of 2023. Keep City GIS system updated every year following this BMP deadline.	Met goal.	Map	Yes, GIS system is live in permit year 2 and shows public storm drainage infrastructure.
	2.3	Employee training	January 1, 2019 thru December 31, 2023	Conduct 1 employee training event on stormwater pollution runoff each year for the duration of this SWMP.	1	Event	Yes, this will inform the city employees of stormwater best management practices.
	2.4	Removal of fats, oils, grease (FOG) from the wastewater collection system	January 1, 2022 thru December 31, 2023	Send educational FOG pamphlets to residents or produce an informative newspaper message covering FOG facts once a year for the duration of the SWMP.	N/A	Brochures	Not Applicable in calendar year 3.
	2.5	Waste oil recycling	January 1, 2023 thru December 31, 2023	Send out public service announcements every 6 months on City's webpage about waste oil recycling facts and events.	N/A	Announcements	Not Applicable in calendar year 3.
	2.6	Illicit discharge inspection	January 1, 2019 thru December 31, 2023	Report and record all illicit discharges within MS4 limits on the City's webpage every year.	Met goal.		Yes, this will keep record of all illicit discharges each year.
3: Construction Site Storm Water Runoff Control	3.1	Ordinance requiring erosion and sediment control	January 1, 2019 thru December 31, 2023	Verify that existing ordinance provides legal authority for the controls identified in the general permit within the first 2 years of the 2019 SWMP.	Met goal.	Regulatory Mechanism	Yes, Supplemental detention criteria continues to be in use by incoming developers for the city.
	3.2	Construction site plan review and approval procedures	January 1, 2019 thru December 31, 2023	Record 100% of the construction site plan reviews each year. Review and amend construction site plan review procedures as necessary each year.	Met goal.	Site Plan Reviews	Yes, this ensures that all projects have adequate stormwater pollution prevention plans before starting construction.
	3.3	Construction site inspections and enforcement	January 1, 2019 thru December 31, 2023	Record 100% of the construction site inspections each year.	Met goal.	Inspections	Yes, this ensures that all construction sites are in compliance with best stormwater management practices.
	3.4	Receive public input on construction projects	January 1, 2019 thru December 31, 2023	Record 100% of the public's input on construction projects within the MS4 each year.	Met goal.	Announcements	Yes, this will discourage the public from pollution of construction sites.
	3.5	Construction site operation education	January 1, 2022 thru December 31, 2023	Produce an educational construction site operation pamphlets within the first 3 years. Provide and record 100% of the education pamphlets given to contractors that work within the MS4 every year starting 2022.	N/A	Brochures	Not Applicable in calendar year 3.

PROJECT:	STORM WATER MANAGEMENT PROGRAM
PERMITTEE	2021 ANNUAL REPORT
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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

MCM(s)	BMP ID	BMP	TIME FRAME	MEASURABLE GOAL(S)	QUANTITY	UNITS	DOES BMP DEMONSTRATE A DIRECT REDUCTION IN POLLUTANTS (YES/NO/EXPLAIN)
4: Post-Construction Stormwater Management in New Development and Redevelopment	4.1	Post-construction ordinance	January 1, 2019 thru December 31, 2020	Review and update the city's current development code for requirements for post- construction maintenance of BMPs for new development and redevelopment construction sites of 1 acre or more, and in projects of less than 1 acre that are part of a larger common plan of development, redevelopment, or sale within the first 2 years of the new 2019 SWMP.	N/A	Regulatory Mechanism	Not Applicable in calendar year 3.
	4.2	Plan review and approval procedures for post-construction BMPs	January 1, 2022 thru December 31, 2023	Review and amend post-construction site plan review and inspection procedures. Record 100% of the final inspections of construction projects within the MS4 each year.	N/A	Regulatory Mechanism	Not Applicable in calendar year 3.
	4.3	Develop a program of maintenance of structural controls within the MS4	January 1, 2022 thru December 31, 2023	Conduct inventory of structural runoff controls. In year 3, develop a GIS to integrate the location of those controls. Conduct 1 inspection each year starting 2022.	N/A	Regulatory Mechanism	Not Applicable in calendar year 3.
5: Pollution Prevention/Good Housekeeping for Municipal Operations	5.1	Pollution prevention spill training	January 1, 2019 thru December 31, 2023	Develop a pollution prevention workshop. Hold a pollution prevention training workshop for municipal employees every year of the new 2019 SWMP.	1	Regulatory Mechanism	Yes, this will inform the city employees of stormwater best management practices.
	5.2	Maintenance contractor requirements and oversight	January 1, 2021 thru December 31, 2023	Revise city contracts for facility maintenance to require contractor compliance with stormwater pollution prevention and good housekeeping practices.	Met goal.	Regulatory Mechanism	Yes, this will reduce the amount of stormwater pollution from construction operations.
	5.3	Assessment of City Facilities and Operations	January 1, 2019 thru December 31, 2023	Evaluate O&M activities for potential stormwater pollutant discharge and identify pollutants of concern that could be released from O&M activities within the first 2 years of the new 2019 SWMP. City will place spill kits at 100% of all municipal facilities with a high risk of spills and leaks by year 5 of the new 2019 SWMP.	Met goal.	Regulatory Mechanism	Yes, this will reduce the amount of stormwater pollution from municipal facility operations
	5.4	Pet waste management in City parks	January 1, 2019 thru December 31, 2023	Maintain 100% of the pet waste baskets within City/MS4 parks each year.	10	Waste Baskets	Yes, this will reduce the amount of stormwater pollution from pet waste.
	5.5	Maintenance of roadways	January 1, 2019 thru December 31, 2023	Maintain/rehab/replace/sweep one mile of roadway each year.	1	Miles	Yes, this will reduce the amount of stormwater pollution roads.
	5.6	Sanitary sewer rehabilitation	January 1, 2020 thru December 31, 2023	Investigate and/or rehabilitate 1000 LF of sanitary sewer pipe each year.	1000	LF	Yes. The improved collection capacity and infrastructure will help mitigate pollutant discharges from the system.

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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

MCM(s)	BMP ID	BMP	TIME FRAME	MEASURABLE GOALS(S)	SUCCESS (MET GOAL/DID NOT MEET GOAL/EXPLAIN)
1: Public Education, Outreach and Involvement	1.1	Create educational brochures about storm water pollution runoff	January 1, 2022 thru December 31, 2023	Produce 100 educational brochures about storm water pollution prevention runoff. Display at the front of Mont Belvieu's City Hall. Re-stock the brochures as needed for the years after.	Not Applicable in Calendar Year 3.
	1.2	Create an educational utility bill inserts about storm water pollution runoff	January 1, 2022 thru December 31, 2023	Create and send out an educational utility bill inserts every six months starting year 2022.	Not Applicable in Calendar Year 3.
	1.3	Public service messages for local CATV on storm water pollution runoff.	January 1, 2022 thru December 31, 2023	Produce a local CATV public service announcement about educational storm water runoff facts every six months starting 2022.	Not Applicable in Calendar Year 3.
	1.4	Promote public involvement event that relates to storm water pollution education such as a hazardous waste event.	January 1, 2022 thru December 31, 2023	Create 1 public involvement event each year.	Not Applicable in Calendar Year 3.
	1.5	List Server	January 1, 2019 thru December 31, 2023	Create a list server of the City's residents.	Met goal. List server has been updated for this calendar year.
2: Illicit Discharge Detection and Elimination	2.1	Discharge detection and elimination legal authority	January 1, 2022 thru December 31, 2023	Verify that existing ordinance provides legal authority for the controls identified in the general permit within the first 3 years of the new 2019 SWMP. Then create/adopt minimum guidelines for illicit discharge elimination as deemed necessary from year 4 to year 5.	Not Applicable in Calendar Year 3.
	2.2	Stormwater system verification and update	January 1, 2019 thru December 31, 2023	Update the City GIS system by the end of 2023. Keep City GIS system updated every year following this BMP deadline.	Met goal. City GIS showing current public storm drainage infrastructure has been updated for this calendar year.
	2.3	Employee training	January 1, 2019 thru December 31, 2023	Conduct 1 employee training event on stormwater pollution runoff each year for the duration of this SWMP.	Met goal. Employee stormwater runoff training class has been implemented on 12/21. Next training will be on 6/22.
	2.4	Removal of fats, oils, grease (FOG) from the wastewater collection system	January 1, 2022 thru December 31, 2023	Send educational FOG pamphlets to residents or produce an informative newspaper message covering FOG facts once a year for the duration of the SWMP.	Not Applicable in Calendar Year 3.
	2.5	Waste oil recycling	January 1, 2023 thru December 31, 2023	Send out public service announcements every 6 months on City's webpage about waste oil recycling facts and events.	Not Applicable in Calendar Year 3.
	2.6	Illicit discharge inspection	January 1, 2019 thru December 31, 2023	Report and record all illicit discharges within MS4 limits on the City's webpage every year.	Met goal. Illicit discharges can be reported on city website, and are recorded by the city.
3: Construction Site Storm Water Runoff Control	3.1	Ordinance requiring erosion and sediment control	January 1, 2019 thru December 31, 2023	Verify that existing ordinance provides legal authority for the controls identified in the general permit within the first 2 years of the 2019 SWMP.	Met goal. Section 30-27 (F) from City Ordinance gives legal authority for controls.
	3.2	Construction site plan review and approval procedures	January 1, 2019 thru December 31, 2023	Record 100% of the construction site plan reviews each year. Review and amend construction site plan review procedures as necessary each year.	Met goal. All construction site plan reviews are recorded and approved by city council.
	3.3	Construction site inspections and enforcement	January 1, 2019 thru December 31, 2023	Record 100% of the construction site inspections each year.	Met goal. 100% of inspections were recorded through Manage it program
	3.4	Receive public input on construction projects	January 1, 2019 thru December 31, 2023	Record 100% of the public's input on construction projects within the MS4 each year.	Met goal. City archives all public input through city Facebook page.
	3.5	Construction site operation education	January 1, 2022 thru December 31, 2023	Produce an educational construction site operation pamphlets within the first 3 years. Provide and record 100% of the education pamphlets given to contractors that work within the MS4 every year starting 2022.	Not Applicable in Calendar Year 3.

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MCM(s)	BMP ID	BMP	TIME FRAME	MEASURABLE GOALS(S)	SUCCESS (MET GOAL/DID NOT MEET GOAL/EXPLAIN)
4: Post-Construction Stormwater Management in New Development and Redevelopment	4.1	Post-construction ordinance	January 1, 2019 thru December 31, 2020	Review and update the city's current development code for requirements for post-construction maintenance of BMPs for new development and redevelopment construction sites of 1 acre or more, and in projects of less than 1 acre that are part of a larger common plan of development, redevelopment, or sale within the first 2 years of the new 2019 SWMP.	Not Applicable in Calendar Year 3.
	4.2	Plan review and approval procedures for post-construction BMPs	January 1, 2022 thru December 31, 2023	Review and amend post-construction site plan review and inspection procedures. Record 100% of the final inspections of construction projects within the MS4 each year.	Not Applicable in Calendar Year 3.
	4.3	Develop a program of maintenance of structural controls within the MS4	January 1, 2022 thru December 31, 2023	Conduct inventory of structural runoff controls. In year 3, develop a GIS to integrate the location of those controls. Conduct 1 inspection each year starting 2022.	Not Applicable in Calendar Year 3.
5: Pollution Prevention/Good Housekeeping for Municipal Operations	5.1	Pollution prevention spill training	January 1, 2019 thru December 31, 2023	Develop a pollution prevention workshop. Hold a pollution prevention training workshop for municipal employees every year of the new 2019 SWMP.	Met goal. The city has developed and held a pollution prevention training for all municipal employees on 12/21. Next training is scheduled for 6/22.
	5.2	Maintenance contractor requirements and oversight	January 1, 2021 thru December 31, 2023	Revise city contracts for facility maintenance to require contractor compliance with stormwater pollution prevention and good housekeeping practices.	Met goal. All city contracts require SWPPP.
	5.3	Assessment of City Facilities and Operations	January 1, 2019 thru December 31, 2023	Evaluate O&M activities for potential stormwater pollutant discharge and identify pollutants of concern that could be released from O&M activities within the first 2 years of the new 2019 SWMP. City will place spill kits at 100% of all municipal facilities with a high risk of spills and leaks by year 5 of the new 2019 SWMP.	Met goal. Public works department has spill kits in municipal facilities and in city vehicles.
	5.4	Pet waste management in City parks	January 1, 2019 thru December 31, 2023	Maintain 100% of the pet waste baskets within City/MS4 parks each year.	Met goal. 10 pet waste baskets were maintained regularly in 2021. New waste baskets planned to be placed in 2022 in addition to new city park.
	5.5	Maintenance of roadways	January 1, 2019 thru December 31, 2023	Maintain/rehab/replace/sweep one mile of roadway each year.	Met goal. City Street Sweeper is scheduled to run 4 hours a week within the City's MS4. This substantially exceeds one mile each year.
	5.6	Sanitary sewer rehabilitation	January 1, 2020 thru December 31, 2023	Investigate and/or rehabilitate 1000 LF of sanitary sewer pipe each year.	Met goal. The city has inspected over 1000 LF of sanitary sewer pipe and found these to be in good condition.

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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.

MCM(s)	BMP ID	BMP	STORM WATER ACTIVITY	DESCRIPTION/COMMENTS
1: Public Education, Outreach and Involvement	1.1	Create educational brochures about storm water pollution runoff	Provide stormwater educational brochures to the public.	BMP to start January 2022.
	1.2	Create an educational utility bill inserts about storm water pollution runoff	Provide stormwater pollution educational inserts with utility bills.	BMP to start January 2022.
	1.3	Public service messages for local CATV on storm water pollution runoff.	Distribute public service messages to inform the public on stormwater pollution.	BMP to start January 2022.
	1.4	Promote public involvement event that relates to storm water pollution education such as a hazardous waste event.	Create 1 public involvement event each year.	BMP to start January 2022.
	1.5	List Server	Create a list server of 100% of the City's residents.	BMP is ongoing through next year.
2: Illicit Discharge Detection and Elimination	2.1	Discharge detection and elimination legal authority	Verify that existing ordinance provides legal authority for the controls identified in the general permit within the first 3 years of the new 2019 SWMP. Then create/adopt minimum guidelines for illicit discharge elimination as deemed necessary from year 4 to year 5.	BMP to start January 2022.
	2.2	Stormwater system verification and update	Update the City GIS system by the end of 2023. Keep City GIS system updated every year following this BMP deadline.	Revise GIS system as necessary.
	2.3	Employee training	Conduct 1 employee training event on stormwater pollution runoff each year for the duration of this SWMP.	Continue to host training event each year on stormwater pollution.
	2.4	Removal of fats, oils, grease (FOG) from the wastewater collection system	*Post FOG facts on City webpage by the end of 2020 *Send educational FOG pamphlets to residents or produce an informative newspaper message covering FOG facts once a year for the duration of the SWMP.	BMP to start January 2022.
	2.5	Waste oil recycling	*Send out public service announcements every 6 months on City's webpage about waste oil recycling facts and events. *Add information on City webpage by the end of 2020.	BMP to start January 2023.
	2.6	Illicit discharge inspection	Report and record 100% of all illicit discharges within MS4 limits on the City's webpage every year.	Continue to record all discharges within the MS4 in the following permit years.
3: Construction Site Storm Water Runoff Control	3.1	Ordinance requiring erosion and sediment control	Verify that existing ordinance provides legal authority for the controls identified in the general permit within the first 2 years of the 2019 SWMP.	Revise existing ordinance as necessary.
	3.2	Construction site plan review and approval procedures	Record 100% of the construction site plan reviews each year. Review and amend construction site plan review procedures as necessary each year.	Continue to review all construction plans within the MS4.
	3.3	Construction site inspections and enforcement	Record 100% of the construction site inspections each year.	Construction site inspections are ongoing.
	3.4	Receive public input on construction projects	Record 100% of the public's input on construction projects within the MS4 each year.	Continue to record public input on construction projects for the following permit years.
	3.5	Construction site operation education	Produce an educational construction site operation pamphlets within the first 2 years. Provide and record 100% of the education pamphlets given to contractors that work within the MS4 every year starting 2021.	BMP to start January 2022.

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MCM(s)	BMP ID	BMP	STORM WATER ACTIVITY	DESCRIPTION/COMMENTS
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	4.2	Plan review and approval procedures for post-construction BMPs	Review and amend post-construction site plan review and inspection procedures within the first year of the new 2019 SWMP and amend as necessary each year. Record 100% of the final inspections of construction projects within the MS4 each year.	BMP to start January 2022.
	4.3	Develop a program of maintenance of structural controls within the MS4	Conduct inventory of structural runoff controls. In year 3, develop a GIS to integrate the location of those controls. Conduct 1 inspection each year starting 2022.	BMP to start January 2022.
5: Pollution Prevention/Good Housekeeping for Municipal Operations	5.1	Pollution prevention spill training	Develop a pollution prevention workshop. Hold a pollution prevention training workshop for municipal employees every year of the new 2019 SWMP.	BMP is ongoing through next year.
	5.2	Maintenance contractor requirements and oversight	Revise city contracts for facility maintenance to require contractor compliance with stormwater pollution prevention and good housekeeping practices.	BMP is ongoing through next year.
	5.3	Assessment of City Facilities and Operations	Evaluate O&M activities for potential stormwater pollutant discharge and identify pollutants of concern that could be released from O&M activities within the first 2 years of the new 2019 SWMP. City will place spill kits at 100% of all municipal facilities with a high risk of spills and leaks by year 5 of the new 2019 SWMP.	BMP is ongoing through next year.
	5.4	Pet waste management in City parks	Maintain 100% of the pet waste baskets within City/MS4 parks each year.	BMP is ongoing through next year.
	5.5	Maintenance of roadways	Maintain/rehab/replace/sweep one mile of roadway each year.	BMP is ongoing through next year.
	5.6	Sanitary sewer rehabilitation	Investigate and/or rehabilitate 1000 LF of sanitary sewer pipe each year.	BMP is ongoing through next year.