



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 Fern Bluff Municipal Utility District
TPDES Authorization: TXR040625

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 TXR040625 for the Fern Bluff Municipal Utility District.

The annual report is for Year 4. The reporting period's beginning 01/01/2022 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.

As required by the general permit, a copy of the report has been mailed to the TCEQ's Region 11 office in Austin, Texas.

Sincerely,

A handwritten signature in blue ink, appearing to read "Janey Miller", is written over a light blue circular stamp.

Janey Miller
General Manager, Fern Bluff Municipal Utility District

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040625

Reporting Year: 2022

Annual Reporting Year Option Selected by MS4:

Calendar Year: 2022

Permit Year: 4

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

Reporting period beginning date: (month/date/year) 01/01/2022

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

MS4 Operator Level: 2 Name of MS4: Fern Bluff Municipal Utility District

Contact Name: Janey Miller Telephone Number: (512) 238-0606

Mailing Address: 7320 Wyoming Springs Dr., Round Rock, TX 78681

E-mail Address: Janey.miller@fernbluffmud.org

A copy of the annual report was submitted to the TCEQ Region: YES 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.	x		SWMP has been submitted. We received approval pending public notification.
Permittee is currently in compliance with recordkeeping and reporting requirements.	x		

Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	x		
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	x		

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)
1: Public Education/Outreach and Involvement	1.a. Staff training on stormwater	Yes, training of staff helps in the reduction of pollutants, it gives them the guidance and information to locate potential discharges and educate our customers on pollution control.
1: Public Education/Outreach and Involvement	1.b. Revamp/improve website for easier access to stormwater information	Yes, easy access to information via our website helps inform our customers who potentially do not realize that their actions may be possibly causing problems to receiving streams, therefore reducing potential discharges.
2: Illicit Discharge Detection and Elimination	2.a. Develop procedures for tracing and removing sources of illicit discharges	Yes, staff located 7 opportunities to remove contaminants from the stormwater conveyances.
2: Illicit Discharge Detection and Elimination	2.b. Staff training on identification and response to illicit discharges or connections.	Yes, staff traced and pinpointed the location of 7 illicit discharge originating from an inlet.

2: Illicit Discharge Detection and Elimination	2.c. Identify illicit connections through dry weather screening inspection	Yes, dry weather screening helps reduce pollutants by allowing us an opportunity to locate and trace flows that otherwise would not be noticed during rain events.
2: Illicit Discharge Detection and Elimination	2.d. Review and update (if necessary) the MS4 map.	Yes, having a good map to follow decreases the potential of missing outfalls and stormwater structures during inspection and tracing discharges.
3: Construction Site Stormwater Runoff Control	3.a. Monitor construction activity within the district.	No, we did not have any permitted construction activity in this permit year.
4: Post Construction Stormwater Management In New Development And Redevelopment	4.a. Monitor construction activity within the district.	No, we did not have any permitted construction activity in this permit year.
5: Pollution Prevention And Good Housekeeping For Municipal Operations	5.a. Training program for maintenance and landscaping crews	Yes, training of staff and landscape crews reduces pollutants by giving them the knowledge of how to select appropriate plants, to prevent sediment runoff and not to overfeed chemical. Furthermore, allow for our staff to notice potential misuses.

5: Pollution Prevention And Good Housekeeping For Municipal Operations	5.b. Sanitary sewer line cleaning and televising	Yes, this reduces potential bacterial load increases by locating and eliminating sanitary sewer issues.
5: Pollution Prevention And Good Housekeeping For Municipal Operations	5.c. Review and update contractor agreements	Yes, this gives us the tools to halt construction and force remedial action if necessary.

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)
1	1.c. Public Education	Utility Bill Messaging	8 msgs to 1875 customers each round	Bill messages	No, does not result in direct reduction but we hope public education will in time cause a decrease in discharges
1	1.c. Public Education	Bulk Trash Pickup	2 Rounds of bulk pickup	Spring and Fall bulk pickup of brush, leaves, clipping, appliance, and large items	Yes, otherwise, much of the grass clippings and brush would end up in greenbelt areas contributing to MS4 channels
1	1.c. Public Education	Bulk Trash Pickup	2 Rounds of messages sent out to the public through Fern Bluff App	Spring and Fall bulk pickup of brush, leaves, clipping, appliance, and large items	No, does not result in a direct reduction of pollutants. Through education we expect to see a reduction.

1	1.c. Public Education	Trash Pickup	6 Bags a week	Our refuse company collects up to 6 bags of leaves a week as part of the contract	Yes, direct reduction of leaves and grass clipping potentially being washed or swept into the storm system
1	1.c. Public Education	Website	101	Hazardous Household waste vouchers	Yes, vouchers are given to residents for disposing of hazardous waste that may have otherwise been illegally dumped in our storm water conveyances.
1	1. Public Education	Park Kiosk	2	Brochure displayed in 6 kiosks located throughout the district	No, reduction of pollutants is expected over time as the residents are educated on proper stormwater treatment.
2	2.a. Develop Procedures	Illicit Discharge	1	Procedure	No, developed procedures to help keep track of illicit discharges located in the district and action taken to remediate.
2	2.b. Staff Training	Annual Training	1	Staff Training	No, staff is trained to locate potential contaminants and to ensure they are corrected and removed.

2	2.c. Identify Illicit Connections	Dry Weather Screening	25% of District	Inspection	Yes, when problems with drainage, illicit discharges or debris is located, staff schedules and removes or remediates.
2	2.d. Review map	Review and Update MS4 Map	25% of District	Inspection	Yes, keeping an up-to-date map helps in keeping track of area that has been inspected and insuring full coverage of district.
3	3.a. Monitor Construction	Monitor Construction	0	Inspections/Review	No, there were no construction activities in the permit year.
4	4.a. Monitor Construction	Monitor Construction	0	Inspection/Review	No, there were no construction activities in the permit year.
5	5.a. Pollution Prevention Housekeeping	Maintenance and Landscape Training	1	Training	No, contract landscapers and maintenance staff are trained annually to reinforce the districts effort to eliminate potential contamination.

5	5.a. Pollution Prevention Housekeeping	Sanitary Sewer Cleaning	1	Clean/Camera	Yes, this year began the sewer inspection, if any issues are located they will be repaired directly reducing pollutants.
5	5.c. Pollution Prevention Housekeeping	Update Contractor Agreement	1	Contracts	Yes, it is a tool used to increase awareness of our contractors on pollution prevention therefore directly deterring possibility of pollution.

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	Train staff on hazards of illegal discharge	Goal Met, 100% of field staff trained on hazards of illicit discharge, proper use of landscape chemical and procedures for detection and elimination.
1	Update District Website	Goal Met, reviewed district information and updated links that no longer had a destination and added some literature on pollution prevention.
2	Develop procedures for tracing and removing sources of illicit discharges	Goal Met, added work order system codes to document, trace and enforce illicit discharges. Procedures completed by December 2021.
2	Staff Training	Goal Met. Worked with staff members regarding identification and response to illicit discharges and connections. Training was conducted on December 16th, 2022.
2	Inspection of 25% of storm sewer system	Exceeded Goal, inspected 50% of system outfalls.
2	Review and update system map	Met Goal, verified accuracy of map during dry weather screenings.
3	Construction Site Runoff Control	No construction activity in 2022
4	Post Construction Management	No construction activity in 2022

5	Training for contract maintenance	Goal Met, created a training packet and had contract landscapers and irrigators complete the training.
5	Review and update contractor agreements	Goal Met, reviewed contracts for necessary updates.

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.?

Staff utilizes its off-road utility vehicle ("The Mule") to conduct visual inspections of outfalls and inlets in the District. Inspections are conducted at least twice during the permit year: March and October and after any significant rainfall. When discharges are located during inspection, customers and/or contractors are notified and given opportunity to voluntarily removed discharged material from storm conveyance. Discharges located from our residents are followed up with educational materials including a map of the storm conveyance and the affected area of the discharge.

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 new impairments added or identified

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.

- Not Applicable

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

- Not Applicable

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			

4. 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
Sanitary Sewer System inspections	The District continues to monitor activity in the sanitary sewer system. Fortunately, the district did not experience any overflows in the system, likely attributable to routine maintenance of the system via line cleaning and televised inspections.

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	N/A

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	Stormwater Activity	Description/Comments

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	N/A	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	N/A	N/A	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).

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 *N/A*

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

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):

None

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	0

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): Janey Miller Title: General Manager

Signature:  Date: March 14, 2023

Name of MS4 Fern Bluff Municipal Utility District

