



DEPARTMENT OF THE AIR FORCE  
17TH TRAINING WING (AETC)  
GOODFELLOW AIR FORCE BASE TEXAS

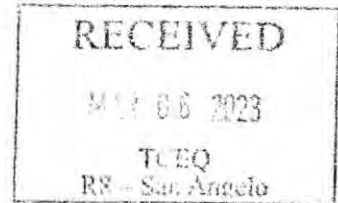
6 March 2023

Certified Mail 7015 1730 0000 8679 5663  
Return Receipt Requested

Texas Commission on Environmental Quality  
Stormwater Team Leader (MC-148)  
PO Box 13087  
Austin, Texas 78711-3087

Jarrett Louder, REM  
Environmental Scientist  
17 CES/CEIE  
Goodfellow AFB, TX 76908

**HAND DELIVERED**



Re: Phase II MS4 Annual Report Transmittal for Goodfellow AFB MS4  
TPDES Authorization: TXR040344

Dear Team Leader:

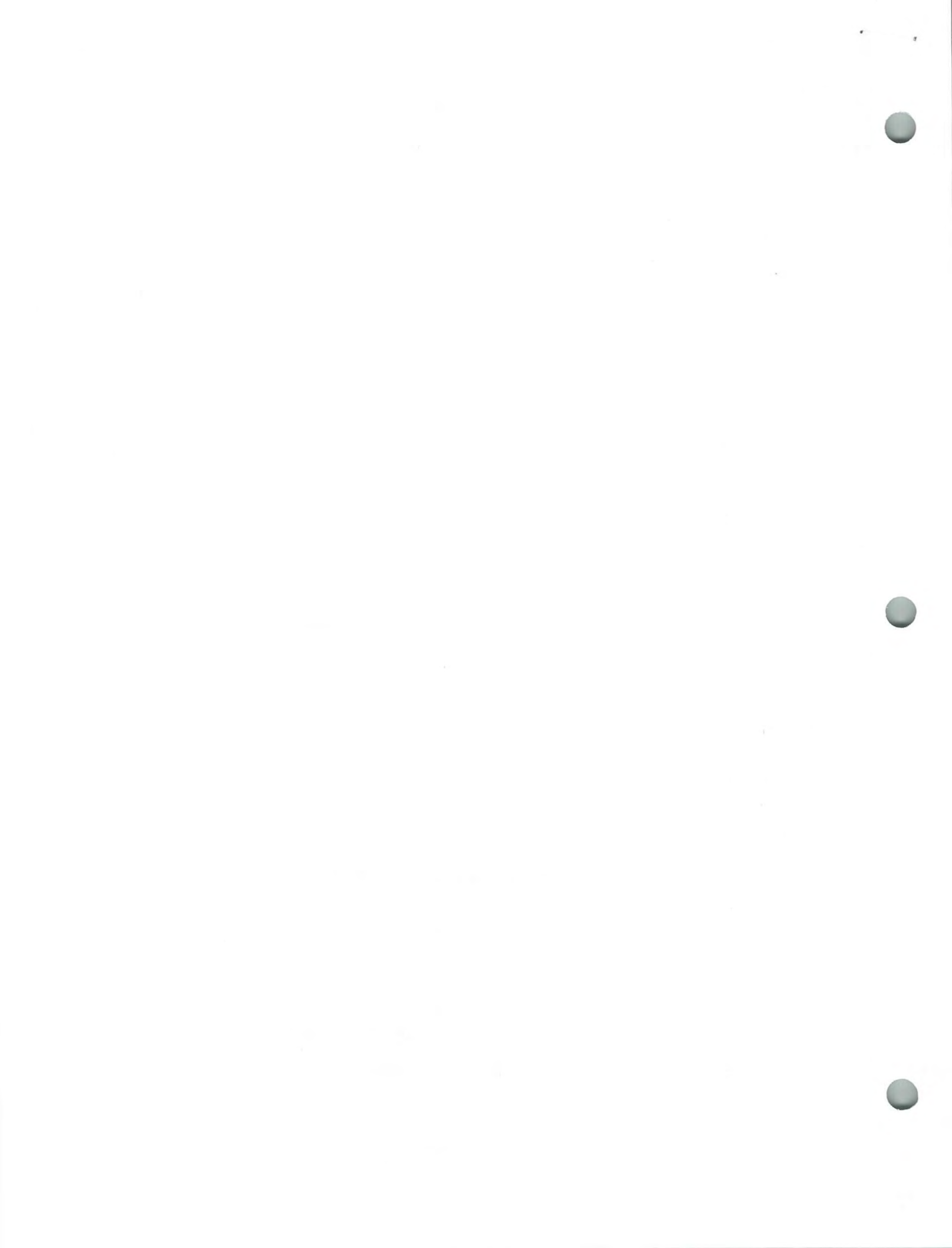
1. This letter serves to transmit the required annual report for the Texas Pollutant Discharge Elimination System Small Municipal Separate Storm Sewer System General Permit, Authorization Number TXR040344 for the Goodfellow AFB
2. The annual report is for Year 4, with the reporting period beginning on January 1, 2022, and ending on December 31, 2022.
3. A separate Notice of Change has not been submitted based on the fact that changes have not been proposed for the next permit year.
4. As required by the general permit, a copy of the report has been mailed to the TCEQ's Region Office 8 in San Angelo, Texas.
5. If you have any questions, please contact me at [jarrett.louder@us.af.mil](mailto:jarrett.louder@us.af.mil) or via phone at 325-654-3456

Sincerely,

JARRETT K. LOUDER, REM, DAF  
Environmental Scientist

cc: Mr. Cain Cline, Section Manager, TCEQ Region 8 Office, 622 S Oakes St Ste. K, San Angelo, TX 76901 (via hand delivery)

*Ever Into Danger*





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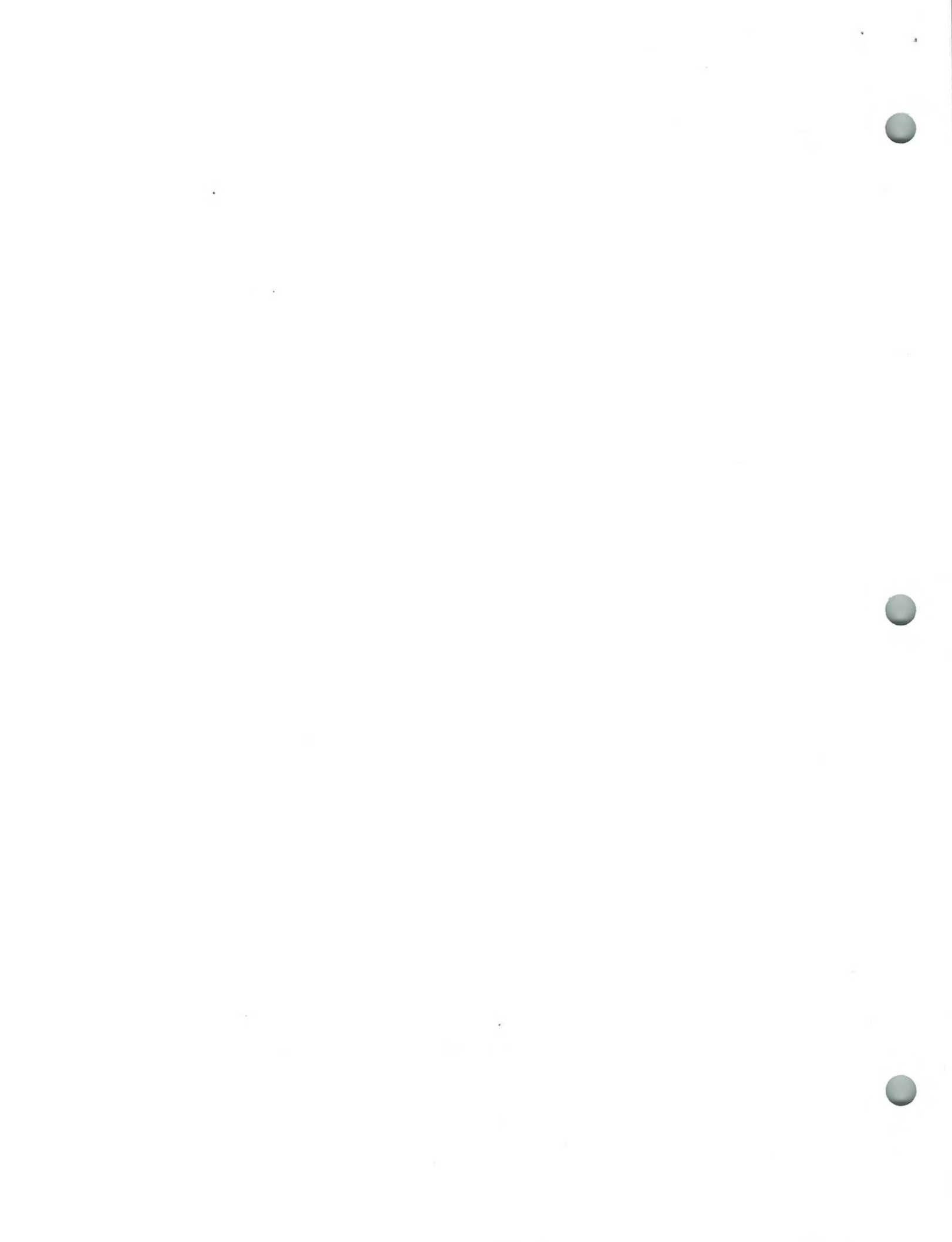
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# Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

## A. General Information

Authorization Number: TXR040\_344\_

Reporting Year (year will be either 1, 2, 3, 4, or 5): 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) Jan 1, 2022

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

MS4 Operator Level: Non-Traditional Small MS4

Name of MS4: Goodfellow AFB MS4

Contact Name: Jarrett Louder Telephone Number: 325-654-3456

Mailing Address: 460 KEARNEY BLVD GOODFELLOW AFB TX 76908-4107

E-mail Address: Jarrett.Louder@us.af.mil

A copy of the annual report was submitted to the TCEQ Region: YES X NO \_\_\_\_\_  
Region the annual report was submitted to: TCEQ Region 8-San Angelo

## 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
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Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.	X		Goodfellow AFB (GAFB) is currently awaiting final approved of the 2019 submitted SWMP and the updated permit to be issued from TCEQ. Public Notice information was received Dec. 2022 and posted in Jan. 2023
Permittee is currently in compliance with recordkeeping and reporting requirements.	X		Goodfellow AFB is actively maintaining records and reporting requirements.
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	X		Goodfellow AFB has no TMDL or Impaired Waterbody requirements.
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	X		Annual reviews accomplished each calendar year.

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	<b>BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)</b>
1: Public Education, Outreach & Involvement	1.1: Stormwater Awareness Information Distribution	Yes, this BMP continues to provide stormwater information material to all Goodfellow AFB personnel.

1: Public Education, Outreach & Involvement	1.2: Physical Awareness	Yes, the BMP continues to ensure shops on base understand the importance of stormwater protection.
1: Public Education, Outreach & Involvement	1.3: Education Outreach - Children	Yes, this BMP focuses on providing information in a child appropriate way which results in pollution prevention being started at a younger age.
1: Public Education, Outreach & Involvement	1.4: Adopt-a-Highway Program	Yes, the BMP is still appropriate as these projects decrease the amount of waste.
1: Public Education, Outreach & Involvement	1.5: Storm Water Drain Labeling	Yes, the Storm water drain labels continue to be inspected and replaced as necessary across the base to provide awareness to all residents, workings and visitors to the MS4. New inlets were identified that previously did not have markers and were labeled. Additionally, a drain connection to TXDOT's MS4 was identified and is being tracked to determine if it is an inlet or outlet.
2: Illicit Discharge Detection & Elimination	2.1: Outfall Mapping and Inspections	Yes, as the base continues to have construction projects and changes to the installation continued outfall mapping is necessary to ensure all stormwater discharges are identified and inspections occur to decrease pollutants.
2: Illicit Discharge Detection & Elimination	2.2: Infrastructure Maintenance	Yes, this BMP allows a whole base review and inspection to identify multiple stormwater impacts that may be overlooked on a routine basis.
3: Construction Site Storm Water Runoff Control	3.1 Ordinance for Sediment & Erosion Controls & other Pollution Controls	Yes, the BMP ensures that all projects on base greater than 1 acre utilize sediment and erosion control measures.

3: Construction Site Storm Water Runoff Control	3.2: Review SOWs, SWPPPs, and P3s	Yes, while not a direct reduction, the continual review of all Statements of Works (SOW) and applicable stormwater measures ensure responsible personnel are aware of all potential activities that may result in an increase in pollutants.
3: Construction Site Storm Water Runoff Control	3.3: GAFB Work Requests (AF Form 103)	Yes, reviewing work requests including dig permits allows for proper stormwater protection and education to occur prior to any working being conducted.
4: Post- Construction Storm Water Management	4.1: Review Construction Projects and SWPPPs	Yes, while not a direct reduction, the continual review of all applicable stormwater measures ensure responsible personnel are aware of all potential activities that may result in an increase in pollutants.
4: Post- Construction Storm Water Management	4.2: Post- Construction Walkthroughs	Yes, once projects are completed the construction area is reviewed to ensure no increase to the potential for discharges has occurred.
5: Pollution Prevention / Good Housekeeping	5.1: Facility Manager Training	Yes, the BMP continues to ensure facility and building managers on base understand the importance of stormwater protection.
5: Pollution Prevention / Good Housekeeping	5.2: GAFB Green Team	Indeterminate – due to COVID-19 this BMP has not been implemented. This BMP will be reevaluated during the 2024 permit renewal but will not be reenacted during the current cycle due to staffing changes. However, basewide clean up still occur utilizing all base personnel.
5: Pollution Prevention / Good Housekeeping	5.3: Pollution Prevention Inspections	Yes – in-depth pollution prevention inspections continue to identify areas across the base that require additional stormwater management and implementation of other BMPs.

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**):

<b>MCM</b>	<b>BMP</b>	<b>Information Used</b>	<b>Quantity</b>	<b>Units</b>	<b>Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)</b>
1: Public Education, Outreach & Involvement	1.1 Stormwater Awareness Information Distribution	Publications provided to all base personnel.	All base staff and employees	n/a	No – while a direct reduction is not possible, this BMP will continue to education staff which will eventually reduce pollutants.
1: Public Education, Outreach & Involvement	1.3: Education Outreach - Children	Number of individuals attending Earth Day activity and taking child age material with them	Approx. 56	Individuals	No – while a direct reduction is not possible, this BMP will continue to education children which will eventually reduce pollutants.
1: Public Education, Outreach & Involvement	1.4: Adopt-a-Highway Program	Miles Swept	641	Miles	Yes – reduces runoff potential and illicit discharges due to impacted storm drains.
1: Public Education, Outreach & Involvement	1.4: Adopt-a-Highway Program	Collection amount of trash.	381 (7,620 lbs)	55-gallon Bags	Yes – reduces runoff potential and illicit discharges due to impacted storm drains.

1: Public Education, Outreach & Involvement	1.5: Storm Water Drain Labeling	Number of new Labels	20-25	Markers	Yes – identifying and marking inlets leads to a decrease in pollution as the public is more aware where drains lead to and the Impact they may have.
3: Construction Site Storm Water Runoff Control	3.3: GAFB Work Requests (AF Form 103)	Form 103	118	Submitted Report	No- while not a direct reduction, this BMP allows for continued knowledge of all projects occurring on base to ensure appropriate stormwater prevention and education occurs.

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**):

<b>MCM(s)</b>	<b>Measurable Goal(s)</b>	<b>Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.</b>
1: Public Education, Outreach & Involvement	Provide education to both on and off base personal of an appropriate level.	Goal was met regarding off base personnel with education activities being conducted for school age children. Due to the continued COVID-19 pandemic, in-person training and education events were limited on base. This BMP will be readdressed in calendar year 2023 as restrictions have decreased allowing for more in-person training/events.
2: Illicit Discharge Detection & Elimination	Monitor all outfalls and identify infrastructure that requires maintenance	Goal was met as all outfalls were monitored in both wet and dry conditions. Additionally, a base wide survey was conducted that identified infrastructure that required attention to ensure no discharge of pollutants occurred.

3: Construction Site Storm Water Runoff Control	Review all SOW and application stormwater protection methods	Goal was met as all Statement of Works and Dig permits were reviewed as well as ensuring appropriate stormwater prevention was implemented for any less than 1 acre construction project.
4: Post-Construction Storm Water Management	Inspection post construction sites greater than 1 acre	Goal not met as construction projects requiring a TXR15 permit were not completed during the calendar year for a post inspection.
5: Pollution Prevention / Good Housekeeping	Providing facility manager training to all maintenance and repair operations.	Goal was met as in-person trainings and events were transitioned back from COVID-19 restrictions.

### 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.?

Goodfellow AFB continues to utilize a multipronged approach to stormwater management, including education, inspections, and construction reviews. With the decrease in COVID-19 precautions, Goodfellow AFB anticipates returning to more in-person training and conducting more educational opportunities to facility managers and physical awareness in 2023. Goodfellow AFB will continue to ensure all outfalls are inspection and illicit discharges are identified and addressed within a timely manner. As the base continues to expand, the SWMP will be addressed to ensure appropriate BMPs are utilized, and any adjustments made are to ensure a continued reduction of pollutants.

### 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.

N/A – No impaired waterbodies are within the permitted area. The nearest waterbody is the Concho River, which is not listed as impaired.

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.

N/A – No impaired waterbodies are within the permitted area. The nearest waterbody is the Concho River, which is not listed as impaired.

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

N/A – No impaired waterbodies are within the permitted area. The nearest waterbody is the Concho River, which is not listed as impaired.

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

<b>Benchmark Parameter</b> <i>(Ex: Total Suspended Solids)</i>	<b>Benchmark Value</b>	<b>Description of additional sampling or other assessment activities</b>	<b>Year(s) conducted</b>
N/A	N/A	N/A	N/A

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

<b>Benchmark Parameter</b>	<b>Selected BMP</b>	<b>Contribution to achieving Benchmark</b>
N/A	N/A	N/A

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

<b>Description of bacteria-focused BMP</b>	<b>Comments/Discussion</b>
N/A	N/A

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
ALL	Review SWMP and update as necessary	Implement BMPs for year 5 and update/adjust SWMP as required.	An updated SWMP was submitted and approved in 2019, with minor administration revisions made in 2020 and 2022. TCEQ has stated the review has been completed with no deficiencies noted. Public Notice and Public comment period started in CY2023.
1: Public Education, Outreach & Involvement & 2: Illicit Discharge Detection & Elimination	1.5 & 2.2	Identifying and labeling stormwater inlets	GAFB will continue to identify inlets and replace worn out labels. GAFB is in the process of numbering all of the inlets across the base for easier identification and tracking of maintenance issues.

1: Public Education, Outreach & Involvement	1.3:	Education Outreach - Children	Goodfellow AFB anticipates returning to conducting children outreach activities during Permit year 2023. During 2022 due to change over in staff and staff departing the outreach happened as a base "come and go" activity on Earth Day that included giving away child age material.
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**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)

**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.).

As the SWMP is reviewed annually, minor administrative changes will be made as appropriate to ensure accurate and updated information is contained within the SWMP at all times. These changes will not require a Notice of Change (NOC) in accordance with Part II, Section E.6(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).

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: \_\_\_\_\_

**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

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

\_\_\_ Yes \_\_\_X\_ No

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

<b>The number of municipal construction activities authorized under this general permit</b>	
The total number of acres disturbed for municipal construction projects	Approx. 2.5

**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): Anne Coverston Title: Installation Management Flight Chief

Signature:  Date: 6 Mar 2023

Name of MS4: Goodfellow AFB 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.



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#### Delivered

Delivered, PO Box

AUSTIN, TX 78711  
March 9, 2023, 5:33 am

#### Available for Pickup

AUSTIN, TX 78711  
March 9, 2023, 5:24 am

#### Arrived at Post Office

AUSTIN, TX 78701  
March 9, 2023, 4:48 am

#### Departed USPS Regional Facility

AUSTIN TX DISTRIBUTION CENTER  
March 8, 2023, 8:06 pm

#### Arrived at USPS Regional Destination Facility

AUSTIN TX DISTRIBUTION CENTER  
March 8, 2023, 11:49 am

#### Departed Post Office

GOODFELLOW AFB, TX 76908  
March 7, 2023, 4:19 pm

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GOODFELLOW AFB, TX 76908

Feedback

DISA

March 7, 2023, 11:37 am

**USPS in possession of item**

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March 7, 2023, 11:27 am

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