

Goodfellow Air Force Base

2024 MS4 - Stormwater Management Plan (SWMP)

TXR040344

RN105597272

Permit Cycle 2024-2029

17th Training Wing

2026

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I. PLAN CERTIFICATION STATEMENT

In accordance with 30 Texas Administrative Code (TAC) § 305.128 (*Signatories to Reports*), this Stormwater Management Program (SWMP) must be signed and certified by a responsible official.

"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 gather and evaluate 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."

Installation Approval

As the Wing Commander of Goodfellow Air Force Base, I have reviewed and approved this Stormwater Management Program and am committed to its full implementation in order to protect water quality and ensure compliance with the TPDES General Permit TXR040000.

For the Permittee:



Date: 30 Mar 26

MATTHEW A. NORTON, COLONEL, USAF
Commander, 17TH Training Wing
Goodfellow Air Force Base, Texas

II. PROGRAM INTRODUCTION AND REGULATORY FRAMEWORK

A. Purpose and Regulatory Authorization

This Stormwater Management Program (SWMP) constitutes the official plan for Goodfellow Air Force Base (GAFB) to implement and enforce a program designed to reduce the discharge of pollutants from its Municipal Separate Storm Sewer System (MS4) to the Maximum Extent Practicable (MEP). This document is developed to ensure full compliance with the requirements of the Texas Pollutant Discharge Elimination System (TPDES) General Permit TXR040000 for Small (Phase II) MS4s, as issued by the Texas Commission on Environmental Quality (TCEQ) and effective 15 August 2024.

GAFB is classified as a Level 2b Non-Traditional Small MS4 due to its status as a military installation. This SWMP addresses all required Minimum Control Measures (MCMs) and establishes the specific Best Management Practices (BMPs), measurable goals, and implementation schedules necessary to protect water quality. This version of the SWMP has been fully revised for the 2024-2029 permit term and supersedes all prior versions.

Definition of Level 2b: Operators of all non-traditional small MS4s such as counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts and other special districts regardless of population served within the “urban area with a population of at least 50,000 people”, unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage based on the population served.

B. Regulated Area and Receiving Waters

The GAFB regulated MS4 consists of all stormwater conveyances owned and operated by the installation, including roads with drainage systems, curbs and gutters, catch basins, storm drains, man-made channels, and outfalls that discharge into Waters of the United States. The installation is a fully controlled-access federal facility where public access is limited and regulated.

- **Receiving Waters:** No discharges lead directly to classified state water segments. However, discharges from the GAFB MS4 flow through a series of drainage features that are tributaries to the Concho River watershed, Segment 1421.
- **Impairment Status:** As of the effective date of this permit, GAFB has confirmed the following:
 - No outfalls discharge directly to an impaired water body.
 - The downstream receiving water, the Concho River (Segment 1421), is listed on the most current (2024) TCEQ/EPA-approved Texas Integrated Report (303(d) List) with an Impairment Category of 5c for Depressed Dissolved Oxygen.
 - No approved Total Maximum Daily Loads (TMDLs) are applicable to discharges from this MS4.
 - The installation is not located within the Edwards Aquifer Recharge Zone.
- **Compliance Impact:** Dissolved oxygen is not a Pollutant of Concern (POC) for which specific control measures are required under the TPDES MS4 General Permit TXR040000. Therefore, in accordance with Part III of the permit, the impairment listing for Depressed Dissolved Oxygen does not trigger additional requirements for the GAFB SWMP at this time.

- **Compliance Commitment:** A review of the TCEQ 303(d) List will be conducted annually to identify any changes in the impairment status of receiving waters. The SWMP will be updated in accordance with Permit Part III if future listings identify impairments for pollutants of concern relevant to the MS4 discharge.

C. SWMP Goals and Structure

This SWMP is designed to be executed based on the following core principles:

- **Integrated Program:** To maximize efficiency, this program leverages and integrates with existing base processes wherever possible, including the environmental review of construction projects (AF Form 103), facility maintenance work order systems (NexGen), and existing training platforms.
- **Data-Driven and Auditable:** Compliance will be demonstrated through clear, consistent, and centralized record-keeping. The program prioritizes the use of master Excel logs and annual Memorandums for Record (MFRs) to minimize administrative burden while creating a complete and auditable record.
- **Adaptive Management:** The SWMP is a dynamic document. The effectiveness of each BMP will be reviewed annually as part of the Annual Report preparation process. The program will be adapted and modified as necessary to address new challenges, improve efficiency, and ensure the continued protection of water quality.
- **Implementation Framework:** All BMPs and associated measurable goals required by the 2024 permit will be fully implemented within five years of the permit's effective date, with specific goals and milestones established within each MCM section of this plan.

D. General Responsibilities

The management and execution of this SWMP is a core function of the Civil Engineer Squadron.

- **Office of Primary Responsibility (OPR):** The OPR for the development, implementation, oversight, and reporting of this SWMP is the 17th Civil Engineer Squadron, Environmental Element (17 CES/CEIE).
- **Supporting Elements:** Successful implementation requires coordination across multiple base functions, including, but not limited to, Civil Engineer Operations (CEO), Civil Engineer Engineering (CEN), the base Contracting Office, and Public Affairs.

III. LEGAL AUTHORITY AND ENFORCEMENT

In accordance with TPDES General Permit TXR040000, Part IV.C.3.(b) and IV.C.6

A. Regulatory Authority of a Non-Traditional MS4

In accordance with permit requirements, an MS4 operator must possess adequate legal authority to implement and enforce its Stormwater Management Program (SWMP). As a non-traditional MS4 operating on a federal

installation, Goodfellow Air Force Base (GAFB) does not adopt municipal ordinances. Instead, its legal authority is derived from a combination of federal law, Department of War (DoW), Department of the Air Force (DAF) policy, Unified Facilities Criteria (UFC), and internal installation governance.

This authority is functionally equivalent to a municipal ordinance and enables GAFB to control and enforce stormwater requirements for all personnel, facilities, and third-party contractors operating within its jurisdiction.

B. Sources of Legal Authority

The primary sources of authority to implement and enforce this SWMP are:

- **Federal and State Law and Regulations:** The Clean Water Act and associated federal environmental compliance regulations, and the Texas Water Code, and associated State of Texas Environmental compliance regulations that are binding on all federal facilities.
- **Installation Governance:** Base-level instructions, design standards, and policies that govern all activities, construction, and operations on the installation. This includes the authority of the Installation Commander to direct and control all personnel and activities.
- **Contractual Requirements:** The use of legally binding contract specifications, performance work statements, and procurement language that require all contractors to adhere to the requirements of this SWMP as a condition of their contract.

These combined authorities empower the installation to:

- Prohibit illicit discharges and illegal dumping.
- Require the implementation of erosion, sediment, and other stormwater controls.
- Mandate the submission and approval of Stormwater Pollution Prevention Plans (SWPPPs) for construction activities.
- Enforce corrective actions for identified deficiencies and violations.

C. Enforcement Response Plan and Mechanisms

GAFB will implement a progressive enforcement response plan to address non-compliance with SWMP requirements. The goal is to achieve compliance voluntarily and quickly, while reserving the right to escalate enforcement for willful or repeated violations.

The primary enforcement tools available for the installation include:

- **Written Notices of Deficiency:** Formal documentation issued during inspections that identifies a violation and requires corrective action within a specified timeframe (e.g., 10 business days).
- **Contract Deficiency Reports:** Official reports to the Contracting Officer responsible or Contracting Officer's Representative (COR) when a contractor fails to comply with a Notice of Deficiency.

- Stop-Work Orders: An immediate directive, issued through the appropriate command or contracting channels, to halt any activity that poses an immediate or significant threat to human health or the environment.
- Contractual Remedies: The use of contractual provisions, up to and including withholding payment or termination of the contract for cause, for persistent or significant non-compliance.
- Referral to Regulatory Agencies: Notification to the TCEQ Regional Office or the U.S. Environmental Protection Agency (EPA) for significant violations that cannot be resolved through internal mechanisms.

D. Inter-Jurisdictional Coordination

In the event that a stormwater discharge from the GAFB MS4 is identified as causing an adverse impact to a neighboring MS4, or if an illicit discharge is traced to an off-base source, GAFB will:

- Provide immediate notification to the affected MS4 operator.
- Cooperate in any joint investigation or corrective action efforts.
- Document all inter-jurisdictional communication and actions taken.

All enforcement actions and coordination efforts will be documented and maintained in accordance with the record-keeping requirements outlined in Section 5 of this SWMP and Part V of the permit.

IV. MINIMUM CONTROL MEASURES (MCMS)

In accordance with TPDES General Permit TXR040000, Part IV.D.1

A. MCM 1: Public Education and Outreach

1. Purpose and Approach

The purpose of this Minimum Control Measure (MCM) is to implement a comprehensive education and outreach program to reduce the discharge of pollutants from the MS4 to the Maximum Extent Practicable (MEP). The program is directed at the internal GAFB community, including military personnel, civilian employees, residents, and contractors.

As a Level 2b Non-Traditional MS4, GAFB is required to implement a minimum of four Best Management Practices (BMPs) from Permit Table 4 annually. This SWMP meets this requirement by implementing all four BMPs annually, thereby exceeding the minimum frequency requirement. The program is designed to be dynamic, with outreach materials tailored to address specific target pollutants of concern each year.

2. Target Audience and Pollutants

In accordance with permit requirements, the GAFB program will focus its outreach on the following required target audiences and focus on the highest prevalence of these associated pollutants:

- Military Personnel & Dependents:
 - *Pollutants:* Oil, grease, vehicle fluids, litter, improper waste disposal, and wash water.
- Installation Residents (including dependents):
 - *Pollutants:* Pet waste, fertilizer/pesticide use, litter, and household hazardous waste
- Employees including Contractors:
 - *Pollutants:* Sediment runoff, improper material storage, concrete washout, and fueling/spill prevention.

Target pollutants may be modified annually as part of adaptive management.

3. Selected Best Management Practices for MCM 1

BMP 1.1: Stormwater Awareness Website

- **Description:** 17 CES/CEIE will maintain a public-facing webpage, accessible via the main GAFB website. This page will serve as a central hub for SWMP information, providing pollution reporting methods and educational materials.
- **Measurable Goal:** The webpage will be reviewed annually to ensure all information is current and all hyperlinks are functional. Each year, the page's featured content will be updated to address the specific target pollutants identified for that year's campaign. The SWMP will be posted to the public GAFB website within 30 days of NOI or NOC approval. Annual reports will be posted no later than 30 days after the March 31st annual report due date (i.e., by April 30th each year), per Permit Part IV.D.1.(a)(3)a.
- **Measurement/Record:** A single annual MFR will be created to document the annual review, confirm the website is active, state the targeted content for the year, and include a screenshot of the updated webpage.

BMP 1.2: Social Media Outreach Campaign

- **Description:** CEIE will coordinate with the GAFB Public Affairs Office (PA) to disseminate timely and relevant stormwater pollution prevention messages to the base community via official social media channels.
- **Measurable Goal:** A minimum of four distinct stormwater-related posts will be published annually on official GAFB social media platforms. The content of these posts will be seasonally appropriate (e.g., a reminder about vehicle fluid leaks before winter, a message about grass clippings in the spring) and will remain publicly visible for the duration of the reporting year.

- **Measurement/Record:** At the end of the year, screenshots of the four social media posts will be compiled into a single MFR to document compliance with this BMP.

BMP 1.3: Storm Drain Marking Program

- **Description:** To deter illegal dumping and maintain public awareness, CEIE will manage a storm drain marking program using markers that state "No Dumping – Drains to Creek" or similar language. For systematic management, the base is divided into five geographic sections, with one section inspected annually.
- **Measurable Goal:** Annually, CEIE staff will:
 - **New Drains:** Inspect the inlets and drains in one of the geographic sections or high-impact areas as identified by the MS4 operator, covering approximately 10% of all known stormwater inlets. Any markers found to be missing or illegible will be replaced. This annual rotation meets and exceeds the Permit Table 4 minimum of 10% of known inlets only in high-impact areas or impairment watersheds inspected per year. Upon completing all five sections, the rotation will restart from Section 1.
 - **Maintaining Drains:** Where all storm drains are marked, inspect and maintain the markers for a minimum of 15% of all known stormwater inlets in either high-impact areas identified by the MS4 operator or impairment watersheds within the MS4 area each year.
 - Any storm drains observed to be in need of maintenance will be reported to CEO via work order.
- **Measurement/Record:** A single annual MFR will document which section was surveyed, the number of markers inspected, and the number replaced, with a map of the surveyed section attached.

BMP 1.4 Education Meetings – Newcomers Briefings

- **Description:** This BMP leverages the installation's mandatory Newcomer Briefing program to deliver essential stormwater pollution prevention information to all new personnel.
- **Measurable Goal:** At least annually, CEIE staff will deliver a presentation at a scheduled Newcomer Briefing. The presentation will address how attendees can minimize adverse impacts to stormwater by covering pollutants relevant to the target audiences present, including:
 - Proper disposal of pet waste and trash.
 - Prevention of vehicle fluid leaks and improper car washing.
 - The importance of reporting any observed pollution to the Environmental Hotline.
- **Measurement/Record:** A single annual MFR will document the date of any briefings that were conducted and will have a copy of the standardized presentation slides attached.

4. Program Implementation and Evaluation for MCM 1

The BMPs outlined above will be implemented annually throughout the five-year permit term. The effectiveness of this MCM will be evaluated each year by reviewing distribution metrics, training attendance, inspection findings (e.g., a decrease in litter in a targeted area), and trends in illicit discharge reports. Based on this evaluation, the target pollutants and outreach strategies may be modified in subsequent years as part of the program's adaptive management approach. All program activities and evaluations will be documented and retained in accordance with the record-keeping requirements in Section IV of this SWMP and Part V of the permit.

B. MCM 2: PUBLIC INVOLVEMENT AND PARTICIPATION

In accordance with TPDES General Permit TXR040000, Part IV.D.2

1. Purpose and Approach

The purpose of this Minimum Control Measure (MCM) is to provide meaningful opportunities for the base community to actively participate in the implementation of the Stormwater Management Program (SWMP). This fosters a sense of stewardship and provides valuable feedback, while demonstrating a direct, positive impact on stormwater quality.

As a Level 2b Non-Traditional MS4, GAFB is required to implement a minimum of three Public Involvement BMPs from Permit Table 5. This SWMP meets this requirement by implementing the three BMPs detailed below, focusing on debris removal and direct public input. As a controlled-access installation, public involvement is conducted through base organizations, personnel, and residents.

2. Selected Best Management Practices for MCM 2

BMP 2.1: Community Cleanup Events

- **Description:** CEIE will organize and support cleanup events that directly remove trash, litter, and other floatable pollutants from drainage areas and the MS4. This BMP will be primarily fulfilled through on-base events but may be supplemented by off-base activities.
- **Measurable Goal:** GAFB will host or support a minimum of two (2) qualifying cleanup events annually. To qualify, each event must clean a combined area of at least two acres, 400 yards of streambank, or two miles of roadside.
 - **Contingency Plan:** The primary method for one of these events may be participation in the TXDOT Adopt-a-Highway program by base-affiliated organizations. If, for any reason, participation in the Adopt-a-Highway program is discontinued, this requirement will be met by the already conducted on-base cleanup events throughout the year, to ensure the "two-event" annual goal is met without interruption.

- **Measurement/Record:** A separate MFR will be created for each event, documenting the date, location, number of participants, and estimated volume of trash removed. TXDOT participation records will be used for any Adopt-a-Highway events.

BMP 2.2: Habitat Improvement via Invasive Vegetation Management

- **Description:** This BMP leverages the installation's comprehensive Grounds Maintenance Contract to perform large-scale habitat improvement. The contractor is responsible for mowing, trimming, and actively managing invasive species, including the targeted removal and control of mesquite trees throughout the installation's open spaces, drainage ways, and operational areas. This ongoing activity improves native grassland habitats, prevents encroachment into drainage corridors, and restores the natural landscape, directly satisfying the permit's goal for a habitat improvement project.
- **Measurable Goal:** Each year, the Grounds Maintenance Contractor will conduct invasive vegetation management, mowing, and associated habitat improvement activities across a managed area of at least 1.0 acres as defined by the active Grounds Maintenance Contract's Performance Work Statement (PWS). This area far exceeds the permit's minimum single-event requirement of 0.5 acres and constitutes a qualifying habitat improvement event under Permit Table 5. This BMP is an ongoing, year-round activity.
- **Record:** A single annual MFR will document compliance with this BMP. The MFR will include:
 - Reference the active Grounds Maintenance contract number and the relevant sections of the PWS that require mowing and vegetation control.
 - Include a map or general description of the areas maintained under the contract.
 - State that the total area managed exceeds the permit's 0.5-acre minimum for a habitat improvement event, thereby fulfilling this annual requirement.
 - This MFR, along with a copy of the relevant PWS pages, serves as the complete record for this BMP.

BMP 2.3: Annual MS4 Public Survey

- **Description:** To gather broad, quantifiable feedback on program effectiveness and public awareness, CEIE will administer an annual survey related to stormwater issues.
- **Measurable Goal:** At least one public survey will be distributed annually, designed to reach a minimum of 75% of the intended audience. The survey will solicit input on program implementation and gauge understanding of key stormwater topics.
- **Measurement/Record:** An annual MFR will be created that includes the final survey questions, the distribution method, the calculated response rate, and a summary of the feedback received. This feedback will be reviewed by the Program Manager to identify potential adjustments for the education program.

- Due to Public Affairs ability to email all personnel with military email addresses associated with Goodfellow, the email sent will exceed the target of 75% of the intended audience.

3. Program Implementation and Evaluation for MCM 2

The BMPs listed above will be implemented annually throughout the five-year permit term. The effectiveness of this MCM will be evaluated by tracking participation rates, the volume of debris removed during cleanups, and the quality and nature of the feedback received from the survey and public meetings. This information will be used to guide future public education efforts and to identify areas where the SWMP can be improved. All program activities and evaluations will be documented and retained in accordance with the record-keeping requirements in Section IV of this SWMP and Part V of the permit.

C. MCM 3: ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE)

In accordance with TPDES General Permit TXR040000, Part IV.D.3

1. Purpose and Program Overview

The purpose of this Illicit Discharge Detection and Elimination (IDDE) program is to establish and enforce a systematic framework to detect, investigate, and eliminate non-stormwater discharges into the GAFB Municipal Separate Storm Sewer System (MS4). This program is designed to reduce pollutant loading to receiving waters to the Maximum Extent Practicable (MEP) and to maintain full compliance with the TPDES General Permit.

The GAFB IDDE program integrates several key components:

- System Mapping: Maintaining an accurate map of the MS4, including all outfalls.
- Prohibition & Enforcement: Formally prohibiting illicit discharges and using established authority to enforce corrective actions.
- Screening & Inspection: A program for proactively screening outfalls and investigating potential illicit discharges.
- Public Reporting & Response: A clear and accessible system for the base community to report potential issues.
- Spill Response & On-Site Sewage Facility (OSSF) Oversight: Integrating with existing base programs to manage spills and on-site sewage facilities.

2. MS4 Mapping and Outfall Inventory

The installation maintains a current GIS-based map of the storm sewer system, including stormwater conveyances, inlets, pipes, and outfalls. This map serves as the foundational tool for the IDDE program.

- **Measurable Goal:** The MS4 map will be reviewed and updated at least once annually by 17 CES/CEIE and CEN to include any new features or changes. The official GAFB GIS-based MS4 map is current and accurate as of NOI submission and contains all required permit elements, including the location, identifier, and receiving water information for each of the six (6) outfalls (OF-01 through OF-06).
- During Year 1 of the permit term, the GIS map will be enhanced to improve labeling clarity and establish version control: (1) all six outfall markers will be updated with formatted labels displaying the Outfall ID, GPS coordinates, and receiving water name; (2) the map will be formalized into two controlled versions: an Internal Version (full operational detail, maintained in SharePoint) and a Public Redacted Version (outfall locations and receiving water names only, suitable for FOIA and public access requests). Both versions will be reviewed and updated at least annually.
- **Record:** An annual MFR or log entry will be created each year of the permit term to document that the required map review was completed, note any changes or updates made, and confirm the map remains current and accurate. The updated GIS map serves as the supporting record.

3. Prohibition of Illicit Discharges

GAFB formally prohibits illicit discharges as defined in the TPDES General Permit. Authority to enforce this prohibition is established through base instructions, contractual requirements, technical specifications including the ENV Specs (Division 1 specs) and command authority. While allowable non-stormwater discharges (Permit Part II.D) are recognized, any such discharge found to be a significant source of pollutants will be treated as an illicit discharge and addressed through corrective action procedures.

4. Discharges of Stormwater Mixed with Non-Stormwater

Stormwater discharges that combine with sources of non-stormwater are not eligible for coverage by this general permit, unless either the non-stormwater source is described in Part II.D of this general permit or the non-stormwater source is authorized under a separate TPDES permit.

5. IDDE Procedures and Implementation

The following procedures and BMPs will be implemented to meet the requirements of Permit Table 6.

BMP 3.1: Public Reporting and Response

- **Description:** GAFB will maintain and publicize a central contact method for the base community to report suspected illicit discharges, illegal dumping, or other water quality impacts. The central contact method will be the 17 CES/CEIE Organization Email Box that is posted on the public website and associated to most ENV documentation across the installation.
- **Measurable Goals:**
 - Maintain a public reporting mechanism 100% of the time during the permit term.

- Publicize the CEIE organizational email reporting mechanism at least twice annually through official GAFB channels. Publicizing methods will include, at minimum: (1) a post on official GAFB social media platforms that includes the 17 CES/CEIE contact information (this may be coordinated with the MCM 1 social media BMP to avoid duplication of effort); and (2) at least one additional method such as a base-wide email, digital signage, or inclusion in the newcomer briefing materials. All publicizing events will be documented in the annual MFR for this BMP
- 17 CES/CEIE and applicable staff from other organizations, will review and update the procedures for responding to spills and illicit discharges at least once annually.
- **Measurement/Record:** An annual MFR will document the dates and methods used to publicize the public reporting. A master Illicit Discharge Log will track all reports received that do not meet the requirement to be submitted into the Air Force EASIER database for spills.
- **Note:** This BMP, as with all Public Information related BMPs, is dependent on receiving information. If no information is received, it will be noted as such in the Annual Report.

BMP 3.2: Staff Training

- **Description:** GAFB will implement a training program for all field staff who may encounter or observe an illicit discharge as part of their normal job duties.
- **Measurable Goal:** Conduct a minimum of one training session annually for 100% of the designated MS4 field staff (including CEIE, key CEO personnel, Environmental contractor staff, and other staff as determined based on situational awareness).
- **Measurement/Record:** A dated training roster with attendee signatures will be maintained for each training session. This training may meet requirements for other BMPs and MCMs throughout this document.

BMP 3.3: Source Investigation and Elimination Program

- **Description:** Upon becoming aware of a potential illicit discharge or illegal dumping incident, GAFB will implement a formal investigation and elimination process. All reports of potential illicit discharges will be initially tracked in the Illicit Discharge Log. If an investigation determines the incident is a reportable spill or Sanitary Sewer Overflow (SSO) that requires tracking in the AF EASIER database, the log will reference the corresponding EASIER record number upon closure.
- **Measurable Goals:**
 - Respond to 100% of known illicit discharge and illegal dumping incidents to investigate their source. High-priority discharges (e.g., sanitary sewer overflows, chemical spills) will be responded to within 24 hours (these will be tracked in the AF EASIER Database).
 - Notify the party responsible within 24 hours once a source has been determined and require them to perform all necessary corrective actions to eliminate the discharge.

- Notify the TCEQ Regional Office immediately of any illicit flows believed to be an immediate threat to human health or the environment.
- **Measurement/Record:** The master Illicit Discharge Log will be the primary record, tracking the date of the report, investigation findings, corrective actions required, and the date the issue was closed.

BMP 3.4: Outfall Screening and Field Inspections

- **Description:** GAFB will conduct a proactive screening and inspection program to detect illicit discharges.
- **Measurable Goals:**
 - **Dry Weather Screening:** Conduct dry weather screening on 100% of the six MS4 outfalls at least annually (current program goal is quarterly). Dry weather is defined as a period with no measurable rainfall in the preceding 72 hours.
 - **Complaint-Based Inspections:** Conduct inspections in response to 100% of credible complaints received through the public reporting mechanism.
 - **Follow-up Inspections:** Conduct follow-up inspections for 100% of cases where a corrective action was required to verify the discharge has been eliminated.
- **Measurement/Record:** Completed Outfall Inspection forms for each screening event. All complaint-based and follow-up inspections will be tracked as incidents in the Illicit Discharge Log.

BMP 3.5: On-Site Sewage Facility (OSSF) Oversight

- **Description:** In accordance with Permit Part IV.D.3.(a)(1)h, Level 2, 3, and 4 MS4 permittees must include procedures to prevent and correct leaking on-site sewage disposal systems that discharge into the small MS4. GAFB will maintain oversight of all OSSFs within its jurisdiction to prevent them from becoming a source of illicit discharges.
- **Measurable Goals:**
 - Maintain a current inventory of all OSSFs on the installation. GAFB has identified four (4) known OSSFs on the installation as of NOI submission date. This count serves as the baseline inventory.
 - Investigate 100% of all OSSF-related complaints received.
 - In the event of a confirmed OSSF failure, implement a corrective action plan that includes either repair (if permissible) or proper abandonment and connection to the sanitary sewer system.
- **Measurement/Record:** The OSSF inventory list contains all known facilities. All OSSF failures and corrective actions will be tracked as incidents in the Illicit Discharge Log unless meeting the requirement for submission into the AF EASIER Database as an SSO or unauthorized discharge.

6. Program Evaluation and Recordkeeping

The IDDE program's effectiveness will be evaluated annually by reviewing the Illicit Discharge Log for trends, including the number and type of incidents, response times, and recurring problem areas. The results of this evaluation will be used to adapt the program and will be summarized in the Annual Report. All records, including the MS4 map, training rosters, the Illicit Discharge Log, and inspection forms, will be maintained in accordance with the permit's record-keeping requirements.

D. MCM 4: CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

In accordance with TPDES General Permit TXR040000, Part IV.D.4

1. Purpose and Program Overview

The purpose of this Minimum Control Measure (MCM) is to develop, implement, and enforce a program to ensure operators of construction activities reduce pollutants in stormwater runoff to the Maximum Extent Practicable (MEP). GAFB's program requires construction site operators to comply with the TPDES Construction General Permit (CGP), TXR150000, and uses the installation's contractual authority and mandatory internal project review processes as its primary "other regulatory mechanism" in lieu of a municipal ordinance.

This program applies to all public and private construction activities that result in a land disturbance of 1.0 acres or more, or projects that are part of a larger Common Plan of Development.

2. Construction Plan Review and Approval Procedures

GAFB implements a review process to ensure potential water quality impacts are addressed before any soil disturbance begins, consistent with Permit Part IV.D.4.(b)(3).

BMP 4.1: SWPPP and Design Review

- **Description:** For all applicable projects, a thorough review of construction plans, including the Statement of Work (SOW) and the contractor-provided Stormwater Pollution Prevention Plan (SWPPP), is conducted. This review ensures that appropriate site-specific erosion and sediment controls, soil stabilization practices, and pollution prevention measures are incorporated into the project plan from the outset.
- **Measurable Goal:** Review 100% of SWPPP documentation for applicable projects prior to the commencement of any soil-disturbing activities. No project will be approved to proceed if its SWPPP is deemed inadequate to protect water quality.
- **Measurement/Record:** A completed SWPPP review checklist and formal documentation of acceptance will be retained in the 17 CES/CEIE Stormwater project folder(s).

3. Construction Site Inspection and Enforcement

GAFB will ensure compliance through a program of audits and oversight, rather than performing primary inspections on behalf of the construction operator, consistent with Permit Part IV.D.4.(b)(4).

BMP 4.2: Construction Site Inspection Program

- **Description:** 17 CES Staff will conduct periodic audits of active construction sites to verify that the construction operator is fulfilling their CGP obligations. This audit includes reviewing the operator's own inspection records and visually confirming that BMPs are installed and maintained.
- **Measurable Goal:** Because GAFB controls and approves every construction project on the installation, GAFB will conduct inspections at 80% of active construction sites annually. For each active project, GAFB will conduct at a minimum: (1) one audit inspection during active soil disturbance, typically within the first 30 days of ground-breaking; and (2) one audit inspection prior to final stabilization and project closeout. Additional audits will be conducted for any project where significant non-compliance is identified. Follow-up inspections will be conducted in 100% of cases where corrective actions have been required, to confirm deficiencies have been resolved. In years when no construction activity occurs, this BMP will be documented as not applicable in the annual report.
- **Measurement/Record:** A formal inspection report will be completed for every inspection conducted and saved in the project folder.

BMP 4.3: Enforcement Response Plan

- **Description:** A formal, progressive enforcement process is used to ensure timely correction of all identified deficiencies.
- **Measurable Goal:** 100% of all deficiencies identified during inspections will be documented and tracked to resolution. The process is as follows:
 - **Notification:** The CEN Project Manager will formally notify the contractor of any deficiency via the inspection report.
 - **Corrective Action:** The contractor is required to correct the issue within 10 business days.
 - **Follow-Up:** A follow-up inspection is conducted to verify the deficiency has been resolved.
 - **Escalation:** Persistent or significant non-compliance will be formally elevated to the Contracting Officer for contractual remedies, which may include stop-work orders.
- **Measurement/Record:** All inspection reports, deficiency notifications, follow-up reports, and enforcement correspondence will be retained in the 17 CES/CEIE Stormwater project folder(s).

4. Prohibition of Non-Stormwater Discharges

The GAFB construction program explicitly prohibits illicit discharges from construction sites, including wastewater from concrete washout, fuels, oils, soaps, and unmanaged dewatering activities, as mandated by Permit Part IV.D.4.(b)(2). This is communicated to all contractors during pre-construction reviews.

These prohibited discharges include but are not limited to:

- Wastewater from the washout of concrete, stucco, paint, or other construction materials.
- Fuels, oils, soaps, solvents, or other pollutants used in vehicle and equipment operation and maintenance.
- Discharges from dewatering activities, unless they are properly managed by appropriate BMPs and are free of pollutants.

BMP 4.4: Construction Program Staff Training

- **Description:** GAFB will ensure that all staff whose primary duties are related to implementing the construction stormwater program are trained to conduct these activities.
- **Measurable Goal:** Conduct a minimum of one training annually for 100% of all relevant staff, including those whose primary job duties are related to implementing the construction stormwater program (including permitting, plan review, site inspections, and enforcement).
- **Measurement/Record:** A dated training roster with attendee signatures will be maintained.

BMP 4.5: Public Information Intake

- **Description:** GAFB will maintain a process for receiving and considering information related to construction sites submitted by the public.
- **Measurable Goal:** Maintain the established Environmental Hotline and public website contact methods throughout the permit term to receive any public comments regarding construction activities. All submissions will be reviewed and addressed through the IDDE or construction inspection programs as appropriate.
- **Measurement/Record:** Any public comments related to construction sites will be logged and tracked in the master Illicit Discharge Log.
- **Note:** This BMP, as with all Public Information related BMPs, is dependent on receiving information. If no information is received, it will be noted as such in the Annual Report.

5. Program Evaluation and Recordkeeping for MCM 4

The effectiveness of the construction program will be evaluated annually by reviewing inspection reports and enforcement logs for trends. The complete administrative record for each construction project will be maintained in a dedicated electronic folder in SharePoint, consistent with the permit's record-keeping requirements.

E. MCM 5: POST-CONSTRUCTION STORMWATER MANAGEMENT

In accordance with TPDES General Permit TXR040000, Part IV.D.5

1. Purpose and Program Overview

The purpose of this Minimum Control Measure (MCM) is to develop, implement, and enforce a program to address stormwater runoff from new development and redevelopment projects after construction is complete. The program's goal is to reduce the discharge of pollutants from these sites for their entire operational life by requiring the implementation and long-term maintenance of permanent stormwater control measures.

This program applies to all public and private development projects that result in a land disturbance of one (1.0) acre or more, including smaller projects that are part of a larger common plan of development. GAFB's "other regulatory mechanism" for this program consists of its internal design standards, contractual requirements, and, where applicable, legally binding maintenance agreements.

2. Post-Construction Design and Installation

GAFB will ensure that new development projects incorporate permanent stormwater controls designed to protect water quality.

BMP 5.1: Post-Construction Design and Plan Review

- **Description:** For all applicable projects, 17 CES/CEIE will review project designs to ensure permanent, post-construction BMPs (e.g., detention basins, bioswales, permeable pavement) are appropriately designed and incorporated into the final site plan. This review ensures that the permanent function of the site, not just the construction process, protects water quality.
- **Measurable Goal:** Review 100% of applicable project designs for the inclusion of appropriate permanent stormwater controls before the project is approved for construction.
- **Measurement/Record:** A signed entry on the official project review form confirming that the post-construction stormwater design is adequate. A copy will be retained in the permanent project folder.
- **Federal EISA Section 438 Compliance:** In addition to MCM 5 TPDES requirements, GAFB must comply with Section 438 of the Energy Independence and Security Act of 2007 (EISA). Section 438 requires that any development or redevelopment project at a federal facility with a footprint exceeding 5,000 square feet shall use site planning, design, construction, and maintenance strategies to maintain or restore, to the maximum extent technically feasible, the predevelopment hydrology of the property with regard to temperature, rate, volume, and duration of flow. Because virtually all GAFB construction exceeds 5,000 sq ft, this requirement applies to most GAFB projects. Compliance is evaluated as part of the BMP 5.1 design review process.
 - Reference: EISA SS438 (42 U.S.C. 17094); EPA Technical Guidance on Implementing EISA Section 438, EPA 841-B-09-001 (December 2009).

3. Long-Term Operation and Maintenance (O&M) Assurance

Ensuring the perpetual function of permanent BMPs is a central requirement of this MCM. GAFB will use the following two-pronged approach, as outlined in Permit Part IV.D.5.(b)(2).

BMP 5.2: Maintenance Plan for Permittee-Owned BMPs

- **Description:** GAFB will implement a maintenance plan and schedule for all structural stormwater controls that it owns and operates, including the four existing detention/retention ponds. A full inventory of these assets will be maintained.
- **Measurable Goal:** Each year, implement the maintenance plan by inspecting 100% of GAFB-owned permanent structural BMPs. The inspection will assess functionality, sediment accumulation, and structural integrity.
- **Measurement/Record:** An annual inspection MFR will be created to document the inspection of all assets on the inventory. Work orders for any non-normal/operation required maintenance will be tracked to completion. All inspection MFRs and maintenance work order records will be maintained in the designated SharePoint folder and made available to TCEQ for review within 24 hours of request, consistent with Permit Table 11.

BMP 5.3: Maintenance Requirement for Non-Permittee BMPs

- **Description:** For projects where permanent BMPs will be owned and operated by a non-GAFB entity (e.g., a privatized housing contractor), GAFB will enforce a requirement for long-term maintenance.
- **Measurable Goal:** Each year, require 100% of owners/operators of applicable new development sites to develop and implement a site-specific maintenance plan for their permanent stormwater controls. The permittee will require these owners/operators to maintain documentation of their maintenance activities (e.g., a tracking log) and make it available for the small MS4 operator or TCEQ for review within 24 hours of request, consistent with Permit Table 11. For any required maintenance agreement with a non-permittee operator, the template language in Appendix D should be reviewed and finalized with the participation of the Base Legal Office and Contracting Office prior to execution. See Appendix D for starting template language.
- **Measurement/Record:** A copy of the owner/operator's site-specific maintenance plan will be retained in the permanent project folder. For privatized entities, a legally binding maintenance agreement will be required as a condition of project approval.
- **NOTE:** While it is unlikely that there will be non-permittee long term BMPs on the installation, due to the ever changing process that comes with construction, this BMP is included to ensure adequate coverage should this situation occur. It will only be included in the annual report should a non-permittee BMP event occur.

4. Enforcement and Recordkeeping for MCM 5

Any enforcement actions related to this MCM, such as those necessary to compel maintenance by a third party, will be documented and tracked. Records of enforcement, design reviews, the BMP inventory, and all maintenance inspections and activities will be maintained in accordance with Part V of the permit and will be made available to TCEQ for review within 24 hours upon request.

F. MCM 6: POLLUTION PREVENTION / GOOD HOUSEKEEPING

In accordance with TPDES General Permit TXR040000, Part IV.D.6

1. Purpose and Program Overview

The purpose of this Minimum Control Measure (MCM) is to implement an Operation and Maintenance (O&M) program, including employee training, designed to prevent and reduce pollutant runoff from GAFB's own municipal operations. This program applies to activities such as grounds and open space maintenance, street and parking lot maintenance, stormwater system maintenance, and the operation of vehicle maintenance and material storage yards.

The GAFB program is founded on a risk-based approach. It prioritizes oversight and inspections on facilities with the highest potential to generate stormwater pollution, while using streamlined documentation methods for lower-risk, routine activities.

2. Facility Inventory and Risk-Based Prioritization

To focus resources effectively, GAFB will develop and maintain a formal inventory and conduct a risk assessment of its municipally-owned facilities.

BMP 6.1: Facility Inventory and Risk Assessment

- **Description:** 17 CES/CEIE will develop and maintain an inventory of all GAFB-owned and contractor-operated facilities within the MS4 regulated area.
The inventory uses a categorical designation framework to identify High Priority facilities consistent with Permit Part IV.D.6.(c)(4)b.
 - **Tier 1 (Automatic High Priority):** vehicle and equipment maintenance shops and motor pool; base fuel point and satellite fueling or generator fuel storage locations; hazardous waste accumulation and storage areas; Grounds Maintenance Contractor pesticide, herbicide, and fertilizer storage facility; Fire Training Area (current: propane and Class A live fire; anticipated: JP8 fueling and foam concentrate); vehicle wash racks and equipment washing areas; and any paint, finish, or body shop facilities.
 - **Tier 2 (Standard Priority):** all other facilities (administrative buildings, classrooms, dormitories, dining facility, fitness center, medical clinic, chapel, and similar support structures).

- **Elevation Rule:** Any Standard Priority facility incurring a documented spill, substantiated IDDE complaint, or recurring problem is elevated to High Priority at the next annual inventory review.
- **Measurable Goal:** A draft Facility Inventory will be completed within 90 days of NOI approval. The full inventory with High Priority designations will be finalized within 180 days of NOI approval. The inventory will be reviewed and updated at least once annually thereafter.
- **Measurement/Record:** The completed Facility Inventory spreadsheet will be the primary record. It will include facility names, types, locations, and their calculated risk score.

BMP 6.2: High-Priority Facility Inspections

- **Description:** Based on the results of the risk assessment, CEIE Environmental Staff will conduct periodic inspections of all designated high-priority facilities to ensure proper housekeeping and pollution prevention measures are in place.
- **Measurable Goal:** 100% of all designated high-priority facilities will be inspected at least once per year.
- **Measurement/Record:** A completed Inspection Report for each high-priority facility inspected will be maintained in a dedicated SharePoint folder.

3. General O&M Program Implementation

GAFB will implement the following BMPs for its general municipal operations to reduce pollutants and ensure good housekeeping practices are followed across the installation.

BMP 6.3: Municipal Operations Pollution Prevention

- **Description:** To minimize administrative burden while ensuring compliance, this BMP uses a consolidated data collection method to document routine Operation and Maintenance (O&M) activities that directly support pollution prevention across the installation.
- **Measurable Goal:** Annual O&M Evaluation: Evaluate 100% of applicable municipal O&M activities annually for their potential to discharge pollutants in stormwater, consistent with Permit Part IV.D.6.(b)(5)a, and Table 13. Applicable activities include road and parking lot maintenance, grounds maintenance, cold weather operations, and right-of-way maintenance. Results of this evaluation, including any newly identified pollutants of concern and any changes to pollution prevention measures, will be documented in the annual MCM 6 MFR. In addition, GAFB will implement and document the following pollution prevention activities:
 1. **Street Sweeping:** The Operations Flight (CEO) will conduct routine street sweeping in designated high-traffic and industrial areas to remove sediment and debris before they enter the storm sewer system.

2. **Staff Training:** Relevant pollution prevention and good housekeeping training will be provided to GAFB employees and contractors whose job duties have the potential to impact stormwater quality.
3. **Pollutant Reduction Measures:** Implement and document the following two (2) specific pollution prevention measures derived from Permit Table 13:
 - Tracking Deicing/Anti-icing Applications: Maintain logs of the application of deicing and anti-icing compounds to base roadways and parking lots.
 - Protecting Deicing Chemical Storage: Ensure that all storage areas for deicing chemicals are covered and/or bermed to prevent discharge into surface waters.
- **Measurement/Record:** A single, comprehensive annual Memorandum for Record (MFR) will be created that summarizes the data collected from the above activities. Copies of the source documents, such as street sweeping logs, disposal records, training rosters, and deicing application logs, will be attached to the MFR, creating a complete and easily auditable record for this BMP.

BMP 6.4: Contractor Oversight

- **Description:** All contractors hired to perform maintenance activities on GAFB facilities will be contractually required to comply with all relevant stormwater control measures and good housekeeping practices outlined in this SWMP.
- **Measurable Goal:** Each year, ensure that 100% of applicable maintenance contracts contain language requiring compliance with all relevant SWMP stormwater control measures and good housekeeping practices. Written contractor oversight procedures will be developed, maintained in the designated SharePoint folder, and made available to TCEQ within 24 hours of request, consistent with Permit Table 13.
- For the Grounds Maintenance Contractor specifically: the contractor submits monthly reports to 17 CES documenting chemical storage inventory, pesticide and herbicide application activities, and any spill or release events. An annual physical inspection by CEIE Environmental Staff supplements the monthly reporting requirement. All contractor deficiencies will be documented in the appropriate inspection reports and tracked to resolution.
- **Measurement/Record:** Copies of relevant contract language will be maintained. Any contractor deficiencies will be documented in the appropriate inspection reports and tracked to resolution.

BMP 6.5: Waste Disposal

- **Description:** All waste materials removed from the MS4 during maintenance activities (e.g., street sweepings, catch basin sediment) will be managed and disposed of properly.
- **Measurable Goal:** Ensure that 100% of waste from the MS4 is disposed of in accordance with 30 TAC Chapters 330 or 335, as applicable, each year.

- **Measurement/Record:** Waste disposal records and manifests will be maintained by the appropriate waste management program and made available for review upon request.

4. Program Evaluation for MCM 6

The effectiveness of the MCM 6 program will be evaluated annually by reviewing the high-priority facility inspection reports, the data consolidated in the annual MFR, and trends in spill or illicit discharge incidents related to municipal operations.

V. SWMP ADMINISTRATION AND REPORTING

A. Rationale Statement for SWMP Design

In accordance with TPDES General Permit TXR040000, Part IV.C.7.f

1. Overview

This Stormwater Management Program (SWMP) has been developed for a Level 2b Non-Traditional Small MS4 (military installation). The selected Best Management Practices (BMPs) and associated measurable goals were chosen to reduce pollutants in stormwater discharges to the Maximum Extent Practicable (MEP) while aligning with the unique operational structure and regulatory context of a fully controlled-access federal facility.

The program emphasizes internal compliance mechanisms, operational controls, and infrastructure management rather than public-facing municipal programs. Where possible, BMPs have been designed to integrate with existing, robust base processes to maximize efficiency and ensure sustainability.

This SWMP represents a balanced, risk-based approach appropriate for the size and operational scope of the installation. It meets all Level 2b permit requirements, leverages enforceable internal authorities, addresses both structural and operational pollutant sources, and establishes measurable, documentable outcomes to demonstrate compliance.

2. Basis for BMP Selection

- The minimum regulatory requirements for a Level 2b MS4 as outlined in the TPDES General Permit TXR040000.
- Known pollutant sources typical of a military installation with vehicle maintenance, grounds-keeping, and construction activities.
- The specific infrastructure of GAFB, which includes six (6) MS4 outfalls and four (4) existing detention/retention ponds.
- The operational reality of GAFB's mission, which allows for strong internal control but limited public access.

3. Rationale for Specific Programmatic Decisions

- **Exceeding Minimums:** In certain areas, this SWMP may exceed the permit's minimum requirements to provide enhanced water quality protection and create a more defensible program.
- **Pollutant Risk Profile:** The selected BMPs for education, good housekeeping, and construction directly address the primary pollutant risks identified for the installation, including sediment, vehicle fluids (oil, grease), litter/floatables, and wash water.
- **Non-Applicable Requirements:** The program was evaluated against all permit requirements. Elements specific only to Level 4 MS4s (e.g., mandatory dry weather field screening, specific floatable reduction devices) were determined not to be applicable and have not been included.
- **MCM 7 — Industrial Stormwater Sources:** Not required for Level 2b Non-Traditional Small MS4s under the 2024 TPDES General Permit TXR040000. MCM 7 is required only for Level 3 and Level 4 MS4s. As a Level 2b MS4, GAFB is not subject to MCM 7.
- **MCM 8 — Authorization for Construction Activities:** Where the MS4 is the Site Operator: This MCM is optional for all MS4 levels. GAFB has elected NOT to implement MCM 8. All applicable construction activities on GAFB must obtain separate coverage under the TPDES Construction General Permit (CGP) TXR150000, with the contractor serving as the construction site operator.

B. Annual Review and Reporting

In accordance with TPDES General Permit TXR040000, Part IV.B and Part V.B.2

1. Annual Reporting Requirements, Period and Submission

a) ANNUAL REVIEW

In accordance with the 2024 General Permit, the permittee shall participate in an annual review of its SWMP while preparing the annual report. The annual review will be documented within the SWMP and shall include the date the review was completed, and the results of the review. If any changes to the SWMP are required they will be made in accordance with the SWMP modification section as described below and TPDES General Permit TXR040000, PART II. F.

b) ANNUAL REPORT

GAFB will submit a concise annual report to TCEQ within 90 days of the end of each Calendar Year (i.e., by March 31st of the following year). The first annual report under this permit will cover the period from the date of authorization through December 31 of that same year. If a TCEQ approved template is available it will be utilized for the reporting.

Annual reports will be submitted electronically via the TCEQ NeT-MS4 online e-permitting system as required by Permit Part V.B.2. TCEQ has communicated that the NeT-MS4 module for the 2024 permit cycle is not yet operational. Until electronic submission becomes available for this permit cycle, annual reports will be submitted in hard copy as a temporary TCEQ-directed exception, as follows:

- Original: To the TCEQ Austin Headquarters Office, Stormwater Permits Team (MC-148).
- Copy: To the appropriate TCEQ Regional Office that serves GAFB.

All reports and other information requested by or submitted to the executive director must be signed by the person and in the manner required by 30 TAC § 305.128 (relating to Signatories to Reports)

2. Report Content

The annual report will provide a comprehensive overview of program implementation and will include, at a minimum:

- **Status of Compliance:** A general assessment of compliance with the SWMP, recordkeeping requirements, and permit conditions.
- **BMP Appropriateness:** An evaluation of whether the selected BMPs are appropriate and effective at reducing the discharge of pollutants.
- **Progress Towards Goals:** An explanation of the progress made toward achieving the measurable goals for each BMP, including any obstacles encountered.
- **Data Summary:** A summary of information collected during the year, such as the number of inspections conducted, the volume of trash removed from cleanup events, and the number of illicit discharges identified and corrected.
- **Impaired Waters Status:** A confirmation of the annual review of the Texas 303(d) List and a statement on any activities taken to address newly listed impairments, if applicable.
- **Planned Activities:** A summary of stormwater activities planned for the next reporting year.
- **SWMP Modifications:** A description of any changes made or proposed to the SWMP.

3. Program Evaluation and Public Access

The preparation of the annual report serves as the formal annual review of the SWMP's effectiveness. The data and progress summaries will be used to inform the adaptive management process, driving any necessary changes to improve the program.

A copy of the submitted Annual Report will be posted to the public GAFB stormwater website no later than 30 days after the submittal due date.

C. SWMP Modification And Recordkeeping

In accordance with TPDES General Permit TXR040000, Part II.F & Part V

1. SWMP Modification Procedures

This SWMP is a dynamic document and will be reviewed annually and updated as necessary to improve effectiveness, respond to changing site conditions, or comply with regulatory updates.

- **Minor Modifications:** Changes such as updating contact information, clarifying procedures, or substituting equivalent BMPs will be documented internally in a modification log and summarized in the next annual report.
- **Significant Modifications:** Substantial changes, such as removing a BMP or reducing a measurable goal, will be made in accordance with the permit's Notice of Change (NOC) requirements. If required, an NOC will be submitted separately through the TCEQ/EPA NeT-MS4 system.
- **Permit:** Any proposed changes should be reviewed in accordance with the MS4 TXR040000 Permit to ensure that the appropriate administrative action is completed.

2. Recordkeeping

A complete record of all activities undertaken to implement this SWMP will be maintained to demonstrate compliance.

- **Official Repository:** The official repository for all SWMP records is the designated 17 CES/CEIE SharePoint site.
- **Retention Period:** All records, including a copy of the TPDES General Permit TXR040000, will be retained for a minimum of three (3) years from the date of creation, or through August 2029 (the current permit expiration date), whichever is longer, consistent with Permit Part V.A.1. Records related to any active enforcement action or pending litigation will be retained until final resolution of that matter. This period may be extended by request of the TCEQ executive director at any time.
- **Record Categories:** Records to be kept are detailed under each BMP but generally include inspection logs, training rosters, MFRs, the Illicit Discharge Log, correspondence, and project review documentation.
- **Availability:** All records will be made available to TCEQ or EPA representatives upon request.
 - The permittee shall make the NOI and the SWMP available to the public at reasonable times during regular business hours, if requested to do so in writing.
 - Copies of the SWMP and the most recent Annual Report must be made available within ten working days of receipt of a written request.
 - Other records must be provided in accordance with the Texas Public Information Act. However, all requests for records from federal facilities must be made in accordance with the Freedom of Information Act

VI. APPENDIX

Appendix Management Provisions

- Appendices may be updated without revising core SWMP narrative unless changes materially affect BMP implementation.
- Electronic storage is authorized.
- Appendix updates will be tracked in the SWMP modification log when applicable.
- If TCEQ provides required templates or formats, those templates will replace internal forms where required.

Appendix A: MS4 System Map & Outfall Inventory

Description:

The official Goodfellow Air Force Base MS4 System Map is maintained by the 17th Civil Engineer Squadron's Geospatial Information Systems (GIS) section. The map is reviewed annually and updated as necessary to reflect changes to the storm sewer system.

At a minimum, the map contains the following layers and features:

- The GAFB installation boundary, which serves as the regulated MS4 area.
- The complete stormwater conveyance system, including known pipes, ditches, and channels.
- The location and unique identifier for each of the six (6) MS4 outfalls, designated as OF-01 through OF-06.
- The names and locations of the immediate receiving waters for each outfall.

A master copy of the full map is stored electronically for official use. A redacted version, suitable for public release, will be provided upon written request in accordance with the SWMP.

Appendix B: Annual MS4 Public Survey Questions

This text can be copied into your survey tool, such as SurveyMonkey, or a base-wide email.)

Subject: Your Input Matters! Goodfellow AFB Annual Stormwater Survey

Team Goodfellow,

The 17th Civil Engineer Squadron Environmental Element is seeking your input to help protect our local water resources, including the Concho River. This brief, anonymous 5-question survey will help us improve our Stormwater Management Program. Thank you for your participation!

1. How do you prefer to receive information about environmental programs at Goodfellow AFB? (Select all that apply)

- * Base-wide Emails
- * Official Social Media Pages (e.g., Facebook)
- * Digital Displays around the base
- * Informational Booths at base events
- * Other: _____

2. If you observed a chemical spill, illegal dumping, or muddy water running off a construction site, would you know who to call to report it?

- * Yes
- * No

3. Which of the following common activities do you believe has the most potential to pollute our stormwater runoff? (Select one)

- * Washing your personal vehicle at home
- * Not picking up after your pet
- * A minor oil leak from a privately owned vehicle
- * Using fertilizer on a lawn
- * All of the above have a similar potential impact

4. Where do the storm drains on Goodfellow AFB lead to?

- * A wastewater treatment plant
- * Directly to local creeks and the Concho River
- * An underground filtering system
- * I don't know

5. Please provide any additional comments or concerns you have about water quality or stormwater management at Goodfellow AFB.

* [Open Text Box]

Appendix C: Construction Site SWPPP Review Checklist

(This checklist should be completed by the CEIE Program Manager for applicable construction project.)

Project Name: _____ Project ID: _____

Project Scope: _____

Reviewer: _____ Date of Review: _____

Instructions: Review the contractor-provided Stormwater Pollution Prevention Plan (SWPPP) and mark 'Yes', 'No', or 'N/A' for each item. The SWPPP is not considered adequate until all 'Yes' or 'N/A' boxes are checked.

Item No.	SWPPP Element	Yes	No	N/A	Reviewer Comments
1	Does the SWPPP identify a qualified inspector ¹ responsible for CGP self-inspections? [¹ Qualified inspector as defined in TPDES Construction General Permit TXR150000.]	[]	[]	[]	
2	Does the SWPPP include a site map showing BMP locations?	[]	[]	[]	
3	Are perimeter controls (e.g., silt fence) specified for all down-gradient areas?	[]	[]	[]	
4	Is a stabilized construction entrance/exit clearly identified?	[]	[]	[]	
5	Is inlet protection specified for all nearby storm drains?	[]	[]	[]	
6	Does the SWPPP identify a dedicated concrete washout area?	[]	[]	[]	If concrete will be used.
7	Are procedures for material storage and spill prevention included?	[]	[]	[]	
8	Does the SWPPP include a contractor inspection schedule that meets the "14 day and 0.5-inch rain" requirement?	[]	[]	[]	
9	Does the plan define methods for final stabilization?	[]	[]	[]	
NOTES/COMMENTS:					

Review Determination:

[] **Adequate:** SWPPP meets minimum requirements. Project may proceed pending other approvals.

[] **Inadequate:** SWPPP is returned to the contractor for correction. Re-review is required.

Reviewer Signature/Date: _____

Appendix D: Maintenance Agreement Template Language

IF NON PERMITTED BMPS ARE INSTALLED THIS IS A STARTING POINT – BUT LEGAL, CONTRACTING, AND OTHER APPROPRIATE OFFICES SHOULD ALWAYS BE INVOLVED

This text should be provided to the Base Legal Office to develop a formal, legally binding document.)

Subject: Template Language for Post-Construction Stormwater Best Management Practices ("BMPs") Maintenance Agreement

1.0 PARTIES: This agreement is between Goodfellow Air Force Base ("the Installation") and [Name of Privatized Entity/Third-Party Operator] ("the Operator").

2.0 PURPOSE: The purpose of this agreement is to ensure the long-term operation and maintenance of permanent stormwater control measures including but not limited to retention/detention ponds and basins, rain gardens, vegetation buffers and other BMPs installed on property operated by the Operator, as required by the Installation's TPDES MS4 General Permit TXR040000.

3.0 ASSET INVENTORY: This agreement applies to the following permanent stormwater BMP(s) located at [Project Name/Location]:

* [List and describe each BMP, e.g., "Detention Basin located at SE corner of parking lot," "Permeable paver system in main courtyard"]

4.0 OPERATOR'S RESPONSIBILITIES: The Operator shall, at its own expense:

- * a. Implement the site-specific Maintenance Plan attached to this agreement as Exhibit 1.
- * b. Conduct inspections of the BMP(s) at least annually to ensure they are functioning as designed.
- * c. Perform all required routine maintenance, including but not limited to, removal of accumulated sediment and debris, vegetation management, and structural repairs.
- * d. Maintain a log of all inspections and maintenance activities performed.
- * e. Make all maintenance records available to Installation environmental personnel for review within 48 hours upon request.

5.0 INSTALLATION'S RIGHTS: The Installation reserves the right to inspect the BMP(s) at any reasonable time. If the Installation determines that the BMP(s) are not being properly maintained, the Installation will provide written notice of deficiency to the Operator. The Operator shall have thirty (30) days to complete corrective action. Failure to do so will constitute a breach of this agreement.

6.0 DURATION AND TRANSFER: This agreement shall remain in effect in perpetuity. This agreement is binding on all successors and assigns of the Operator and must be disclosed to any future purchaser or lessee of the property.

Appendix E: Operational Document: High-Priority Facility Inspection Report

Operational Document: High-Priority Facility Inspection Report

(This should be created as a fillable PDF/Word form.)

Facility Name/Bldg: _____ Inspection Date: _____

Inspector Name: _____

Instructions: Inspect all applicable areas of the facility and rate each category as Satisfactory (S), Unsatisfactory (U), or Not Applicable (N/A). Provide comments for all "U" ratings.

Category	Item No.	Item	S	U	N/A	Reviewer Comments
Material Storage	1	Are chemicals/materials stored under cover or otherwise protected from rain?	[]	[]	[]	
	2	Is secondary containment free of cracks, debris, and water?	[]	[]	[]	
Waste Management	3	Are all dumpsters and waste containers closed and in good condition?	[]	[]	[]	
	4	Is there evidence of leaking trash or waste fluids around containers?	[]	[]	[]	
Spill Prevention	5	Are spill kits present, fully stocked, and clearly marked?	[]	[]	[]	
	6	Is there evidence of any recent, uncleaned spills or leaks?	[]	[]	[]	
Site Housekeeping	7	Is the area generally free of loose trash and debris?	[]	[]	[]	
	8	Are nearby storm drain inlets clear of sediment and blockages?	[]	[]	[]	

NOTES/COMMENTS

Overall Site Status:

[] Compliant: No deficiencies noted.

[] Deficiencies Noted: Corrective actions listed above required. A follow-up inspection will be conducted.

Inspector Signature: _____ DATE _____

Appendix F: Post-Construction BMP Inventory

Contents may include:

- Permanent BMP Inventory (4 detention/retention ponds)
- Annual Pond Inspection Form
- Maintenance Tracking Log
- EISA §438 Applicability Determination Template
- Design Review Checklist

Appendix G: Municipal Operations & Good Housekeeping

Contents may include:

- Municipal Facility Inventory
- Annual Facility Inspection Checklist
- Street Sweeping Log
- Material Storage Inspection Form
- Fueling Area Inspection Checklist
- Training Roster Template
- Maintenance Activity Log

Appendix H: Annual Report & Applicable Support Files

Contents may include:

- Annual Report Preparation Checklist
- Measurable Goal Tracking Worksheet
- Annual Review Summary Template
- Adaptive Management Decision Log
- SWMP Modification Log

Appendix I: Permit & Regulatory Reference

Contents may include:

- Current TXR040000 Permit Copy
- TCEQ Reporting Templates (if issued)
- Relevant UFC references
- Base Division 1 Specifications (Stormwater Authority Sections)
- EISA §438 Reference Summary

