DYESS AIR FORCE BASE

STORMWATER MANAGEMENT PROGRAM

7th CIVIL ENGINEER SQUADRON
DYESS AFB TX 79607
OPR: 7 CES/CEIE (Environmental Element)
Permit Term: August 15, 2024 – August 15, 2029

SWMP Date: February 2025

Permit #: TXR040235

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List of Acronyms and Abbreviations

AFB	Air Force Base
BBC	Balfour Beatty Communities
BMP	Best Management Practice
CES	Civil Engineer Squadron
CGP	Construction General Permit
CO	Contracting Officer
COR	Contracting Officer's Representative
CS	Contracting Squadron
CWA	Clean Water Act
EISA	Energy Independence and Security Act
EMS	Environmental Management System
EPA	Environmental Protection Agency
FM	Facility Manager
FOD	Foreign Objects Damage
HHW	Household Hazardous Waste
IDDE	Illicit Discharge Detection and Elimination (IDDE)
MCM	Minimum Control Measure
MEP	Maximum Extent Practicable
MFH	Military Family Housing
MS4	Municipal Separate Storm Sewer System
MSGP	Multi-Sector General Permit
NEPA	National Environmental Policy Act
NOC	Notice of Change
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
PA	Public Affairs
PEO	Public Education and Outreach
PLA	Program Level Assessment
PWS/SOW	Performance Work Statement/Scope of Work
SPCC	Spill Prevention, Control, and Countermeasure
SWMP	Storm Water Management Program
SWPPP	Storm Water Pollution Prevention Plan
TCEQ	Texas Commission on Environmental Quality
TMDL	Total Maximum Daily Load
TPDES	Texas Pollutant Discharge Elimination System
UEC	Unit Environmental Coordinator

1.0 INTRODUCTION

Dyess Air Force Base (Dyess) personnel must comply with federal and state regulations related to environmental protection while ensuring mission accomplishment. One of the primary environmental laws impacting Dyess is the federal Clean Water Act (CWA) and associated implementing regulations. The purpose of the CWA is to protect and restore the physical, chemical, and biological integrity of our nation's waterways by controlling and limiting discharges of pollutants to these waterways.

Research has shown that urban runoff is a leading cause of water pollution throughout the country and contributes pollutants of concern such as sediments, non-sediment solids, nutrients, pathogens, oxygen-demanding substances, petroleum hydrocarbons, trace/heavy metals, floatables, polycyclic aromatic hydrocarbons, trash, and pesticides to waterways. In addition, the impervious nature (i.e., pavement and hardscape) of most urban communities has resulted in stormwater discharges that have greater volumes, velocity, and pollutant loads than pre-development runoff.

Dyess owns and operates a stormwater conveyance system that is partially located within an "urban area with a population of at least 50,000" as defined by the United States Census Bureau. In accordance with the CWA and implementing regulations, Dyess is a regulated small municipal separate storm sewer system (MS4), Level 2b (Military Base). As such, Dyess is required to obtain coverage under the National Pollutant Discharge Elimination System (NPDES) for stormwater runoff associated with municipal discharges. The State of Texas has been delegated authority from the Environmental Protection Agency (EPA) for implementing and enforcing the CWA and NPDES permit program within the State. The Texas Commission on Environmental Quality (TCEQ) issued Texas Pollutant Discharge Elimination System (TPDES) General Permit No. TXR040000 for stormwater discharges from small MS4s. As a small MS4 within the State of Texas, Dyess is eligible for coverage under General Permit No. TXR040000 (MS4 Permit).

In accordance with the MS4 Permit, Dyess must develop and implement a Stormwater Management Program (SWMP) designed to reduce the discharge of pollutants to the maximum extent practicable (MEP) to protect water quality. The SWMP must identify best management practices (BMPs) and measurable goals to address six Minimum Control Measures (MCMs), which are:

1. Public Education and Outreach;
2. Public Involvement/Participation;
2. Illicit Discharge Detection and Elimination (IDDE);
3. Construction Site Stormwater Runoff Control;
4. Post-Construction Stormwater Management in New Development and Redevelopment; and
5. Pollution Prevention and Good Housekeeping for Municipal Operations.

This document outlines the Dyess SWMP and identifies specific BMPs and measurable goals for each MCM. The SWMP contained herein details actions that will be implemented over the 5-year

MS4 Permit term and will assist Dyess personnel with implementing, tracking, and documenting SWMP activities.

1.1 DYESS OVERVIEW

Dyess is located in the northeast corner of Taylor County, Texas and occupies just over 6,000 acres immediately west of the City of Abilene. Dyess has approximately 2,100 permanent residents with potential for 3,000 non-residents that commute on a daily basis. There are 674 housing units within the MS4 Military Family Housing (MFH) permitted area. Dyess shall operate as a non-traditional small MS4 Level 2b Operator serving as a military installation regardless of population served within the UA.

Stormwater from Dyess discharges into Little Elm Creek which eventually flows into Elm Creek. Elm Creek, which is designated as an ephemeral creek, is dammed approximately 10 miles from Dyess and forms Fort Phantom Hill Lake. The City of Abilene uses water from Fort Phantom Hill Lake as its primary drinking water supply. Dyess uses purchased water from the City of Abilene for its entire drinking water supply.

- **Outfalls Description**

There are two stormwater outfalls as defined by the MS4 Permit; one discharging stormwater from the Dyess MFH permitted area (Outfall 001) and one discharging stormwater from the installation permitted area (Outfall 002). Dyess MS4 stormwater discharges into the City of Abilene's MS4.

MS4 Outfall 001 discharges to an unnamed branch that empties into Little Elm Creek and is comprised of stormwater from an unnamed ephemeral creek that runs through the MFH area into Lake Totten, which then empties back into the unnamed ephemeral creek before leaving Dyess to enter Little Elm Creek.

On the eastern boundary of Dyess, the City of Abilene's MS4 discharges stormwater via a roadside culvert onto Dyess property; however, this stormwater does not comingle with Dyess stormwater until the point of discharge from Dyess. Thus, the City of Abilene stormwater does not have any effect on the stormwater quality leaving Dyess. If any sampling is conducted, it will be collected prior to the comingling of the above-described stormwater.

MS4 Outfall 002 (also known as MSGP Outfall 001) is located where the combined diversion ditches exit Dyess. The North Diversion Ditch joins the South Diversion Ditch approximately 4,900 feet west of the outfall. The storm sewer system from industrial/business areas on base feed the two diversion ditches. The combined diversion ditches empty into Little Elm Creek, which crosses the base boundary approximately 125 feet east of Louisiana Road and continues eastward under Dub Wright Boulevard where it enters the City of Abilene's MS4.

A weir is located in the channel approximately 50 feet west of the boundary crossing. The weir includes two ball valves used to control discharge. In the event of an emergency, the valves can be shut to prevent stormwater from exiting Dyess property except in cases of heavy rainfall events.

A concrete catch basin below the weir receives water flowing through the valves. The catch basin directs water to the boundary crossing.

1.2 PERMIT REQUIREMENTS

The TCEQ has issued an MS4 TPDES Permit to Dyess to discharge directly to surface waters of the state (TXR040235). The MS4 Permit specifies that areas included within the urban areas with a population of at least 50,000, as designated by the 2020 US Census Bureau, are required to obtain coverage under the MS4 Phase II regulations. The urban areas with a population of at least 50,000 that includes Dyess is shown on Figure 1-1, while Figure 1-2 shows the MS4-permitted area on Dyess. This area includes the MFH permitted area and the newly designated installation portion of the MS4 permitted area.

Conditions established within the permit are based on §402(p)(3)(B) of the CWA that states MS4 discharges must effectively prohibit the discharge of non-stormwater to the MS4 and requires controls to reduce pollutant discharges to the MEP. The minimization of pollutants in stormwater discharges is achieved through implementation of BMPs as outlined in this SWMP.

The Installation Commander at Dyess is responsible for managing environmental compliance programs and enforcing compliance with environmental regulations. The Installation Commander has identified the Environmental Element Chief and Stormwater Program Manager at Dyess as the field representatives for managing and ensuring compliance with all stormwater-related issues within the small MS4 area of the base. Monitoring of compliance with BMPs as outlined in the SWMP shall be performed by Dyess Environmental Element and Balfour Beatty Communities Housing Maintenance.

- **Legal Authority and Enforcement Measures**

Instances of non-compliance by persons or entities shall be investigated and enforced upon through existing Dyess chain of command structuring measures. Any identification of an illicit discharge or instance of non-compliance requiring notification shall immediately be reported to the Installation Commander through existing chain of command procedures for appropriate enforcement considerations.

- **Compliance with Water Quality Standards**

MS4 discharges that would cause, have the reasonable potential to cause, or contribute to a violation of water quality standards are not eligible for coverage under the MS4 Permit. Dyess stormwater discharges to Little Elm Creek and is not expected to cause or contribute to a violation of water quality standards.

- **Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements**

MS4 discharges to impaired water bodies for which there is an approved total maximum daily load (TMDL) are not eligible for coverage under the MS4 Permit unless the discharges are consistent

with the approved TMDL. Discharges to impaired water bodies without an approved TMDL must comply with Part III. B of the MS4 Permit.

Stormwater discharges from Dyess to Little Elm Creek >> Elm Creek >> Fort Phantom Hill Lake, which are **not designated** as an impaired water body with a TMDL by the State of Texas.

- **Discharges to the Edwards Aquifer Recharge Zone**

The MS4 Permit contains additional requirements and approvals for MS4 discharges to the Edwards Aquifer Recharge Zone or Contributing Zone. Stormwater from Dyess does not discharge to the Edwards Aquifer recharge or contributing zones. As such, Dyess is not required to prepare a Water Pollution Abatement Plan or obtain additional approvals related to discharges from the Dyess MS4.

- **Discharges to Specific Watersheds and Water Quality Areas**

Stormwater from Dyess does not discharge to a Watershed Protection area.

- **Protection of Streams and Watersheds by Home Rule Municipalities**

Stormwater from Dyess does not discharge to a home rule municipality designed area.

- **Indian Country Lands**

Stormwater from Dyess does not discharge to Indian Country Lands.

- **Endangered Species Act**

Discharges that would adversely affect listed endangered or threatened species or its critical habitat are not authorized by the MS4 Permit. Biological surveys conducted at Dyess have not identified any listed endangered or threatened species or a critical habitat. Stormwater discharges from Dyess are not expected to impact threatened and/or endangered species or critical habitat.

- **Allowable Non-Stormwater Discharges**

The following allowable non-stormwater sources may be discharged from the Dyess MS4 and are not required to be addressed in the Illicit Discharge Detection and Elimination program or other minimum control measures, unless determined by Dyess or the TCEQ, to be significant contributors of pollutants.

1. Water line flushing (excluding discharges of hyperchlorinated water, unless the water is first dechlorinated and discharges are not expected to adversely affect aquatic life);

2. Runoff or return flow from landscape irrigation, lawn irrigation, and other irrigation utilizing potable water, groundwater, or surface water sources;

3. Discharges from potable water sources that do not violate Texas Surface Water Quality Standards;

4. Diverted stream flows;

5. Rising ground waters and springs;

6. Uncontaminated ground water infiltration;

7. Uncontaminated pumped ground water;

8. Foundation and footing drains;

9. Air conditioning condensation;

10. Water from crawl space pumps;

11. Individual residential vehicle washing;

12. Flows from wetlands and riparian habitats;

13. Dechlorinated swimming pool discharges that do not violate Texas Surface Water Quality Standards;

14. Street wash water excluding street sweeper wastewater;

15. Discharges or flows from emergency firefighting activities (firefighting activities do not include washing of trucks, run-off water from training activities, test water from fire suppression systems, and similar activities);

16. Other allowable non-stormwater discharges listed in 40 CFR 122.26(d)(2)(iv)(B)(1);

17. Non-storm water discharges that are specifically listed in the TPDES Multi-Sector General Permit (MSGP) TXR050000 or the TPDES Construction General Permit (CGP) TXR150000;

18. Discharges that are authorized by a TPDES or NPDES permit or that are not required to be permitted; and

19. Other similar occasional incidental non-stormwater discharges such as spray park water, unless the TCEQ develops permits or regulations addressing these discharges.

- **Spill Prevention and Response Measures**

7 CES/CEIE (Environmental Element) maintains Dyess' Spill Prevention, Control, and Countermeasure (SPCC) plan, which is found in the Dyess EPA One Plan. A copy of the Dyess EPA One Plan is located in the 7 CES/CEIE office. The SPCC plan contains spill prevention and

response procedures and a list of facilities with container storage capacities of 55-gallons or greater. Base-wide spill prevention and response BMPs include:

- Maintain a record of reportable spills
- Identify areas where spills could contribute pollutants to stormwater discharges
- Provide secondary containment structures around liquid storage tanks/drums as necessary
- Routinely inspect outdoor parking and storage areas, including equipment and vehicles for evidence of spills or leaks
- Divert spills from stormwater drains/inlets
- Make necessary materials and equipment available for spill clean up

1.3 STORMWATER MANAGEMENT PROGRAM

Minimum Control Measure or MCM is the term used by TCEQ for the MS4 program elements aimed at achieving improved water quality. The SWMP is comprised of six MCMs that collectively are expected to reduce pollutants discharged into receiving water bodies to the MEP. The Dyess Stormwater Program Manager is responsible for implementing the SWMP. All records required by the SWMP will be maintained and stored in the Stormwater Program Manager's office.

Each MCM requires the development and implementation of BMPs and achievement of measurable goals to effectively reduce the potential for pollution in stormwater discharges. The six MCM's applicable to Dyess are:

- Public Education and Outreach
- Public Involvement/Participation
- Illicit Discharge Detection and Elimination
- Construction Site Stormwater Runoff Control
- Post-Construction Stormwater Management in New Development and Redevelopment
- Pollution Prevention and Good Housekeeping for Municipal Operations

Sections 2.0 through 7.0 below present the BMPs, measurable goals, and implementation schedule for Dyess to address each of the assigned MCMs.

Figure 1-1a

2020 Census Abilene Texas Urban Area Map

With Dyess AFB Urban Area

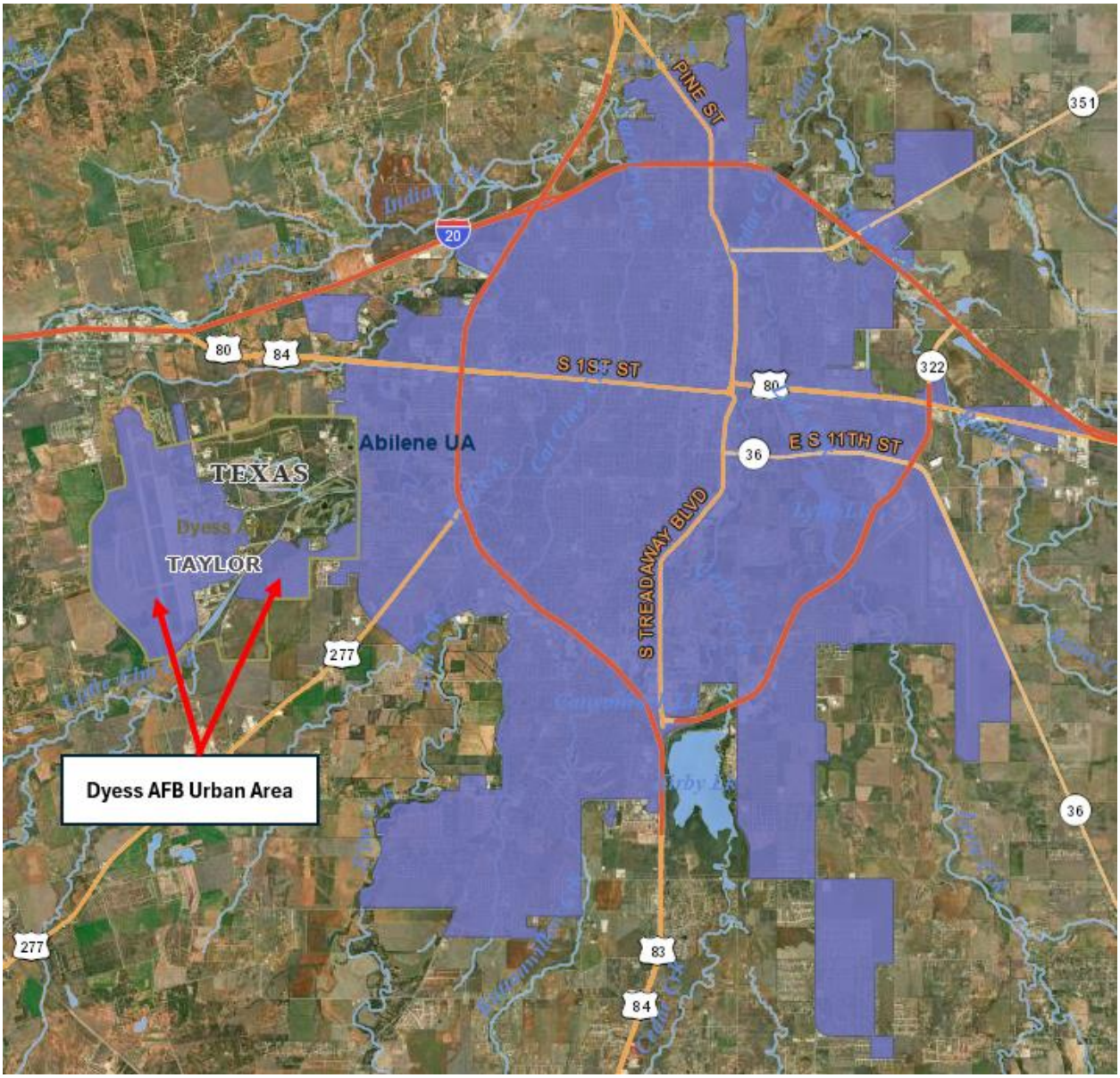
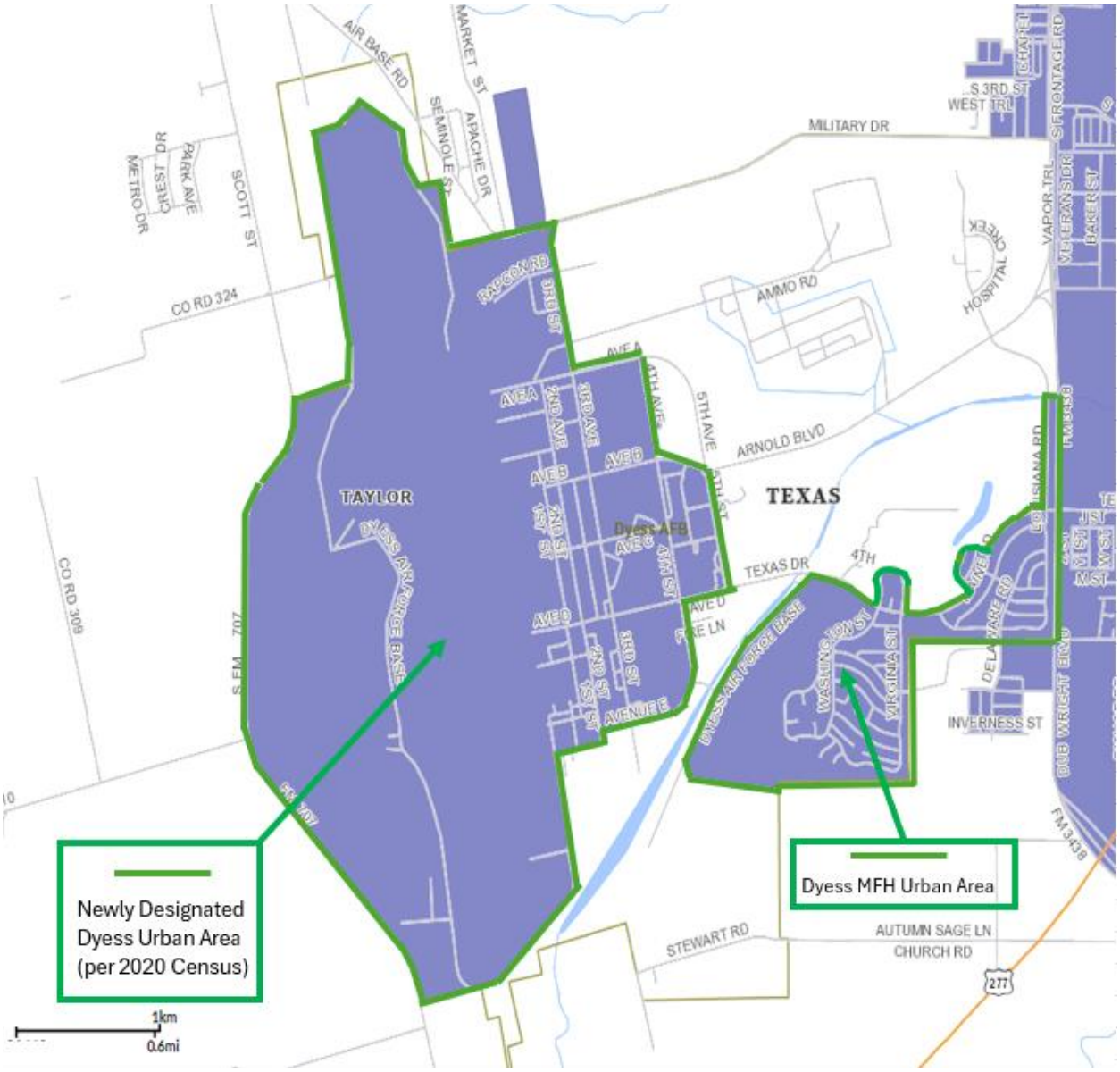


Figure 1-1b

2020 Census Dyess AFB Urban Area



2.0 PUBLIC EDUCATION AND OUTREACH

The first MCM described in this SWMP is Public Education and Outreach (PEO). The goal of this MCM is to ensure greater public awareness of and compliance with the MS4 Permit. Specifically, this MCM is intended to educate the Dyess MFH and Installation community (hereafter referred to as "the public") about the importance of protecting stormwater quality for the benefit of the environment and human health. The MS4 Permit requires Dyess to implement a public education and outreach program to distribute educational materials to the public and conduct equivalent outreach about the impacts of stormwater discharges on water bodies and the steps they can take to reduce pollutants in stormwater runoff.

The public education and outreach program target audience shall at a minimum include military personnel (and dependents) and employees (including contractors).

Public education and outreach are necessary to foster interest and support for Dyess' stormwater program. A Dyess community educated and involved in SWMP implementation will ensure greater BMP effectiveness and compliance with the MS4 Permit. As members of the public become aware of what is expected of them and others in the community, they will be more likely to support the SWMP. These habits are likely to be carried into their everyday lives whether located on or off-base.

Dyess PEO goals are to:

- Provide a consistent message for the length of time necessary to focus public behavior
- Foster support for the purpose and goals of the SWMP
- Change specific behaviors that adversely affect stormwater quality
- Increase community awareness and understanding of the individuals

The following BMPs will be implemented by Dyess to satisfy the PEO MCM. Where appropriate, the selected BMPs will specifically address potential water quality challenges (i.e., pollutants of concern). Dyess will utilize existing federal, state, and Air Force-developed stormwater education and outreach materials whenever possible. When necessary, new PEO materials will be created and distributed. When required, all federal, state, and local public notices requirements will be followed during implementation of this MCM.

Small MS4 operators shall target specific pollutant(s) in the permittee's education program. At a minimum, the permittee shall have one target pollutant for each target audience (Part IV – Table 3. Pollutants and Sources). Dyess' targets the following pollutants in its PEO program:

- Lawn Care/Fertilizers/Pesticides
- Pet Waste
- Litter/Trash/Floatables
- Household Hazardous Waste
- Vehicle Washing
- Vehicle Maintenance (Oil/Grease/Fluids)

- Dumping of Solid Waste - Water Conservation

PEO BMPs are presented in the following subsections.

2.1 LOCAL PROCEDURES AND STORMWATER BROCHURES FOR HOUSING MAINTENANCE EMPLOYEES AND MILITARY FAMILY HOUSING (MFH) RESIDENTS

Balfour Beatty Communities, LLC (BBC) provides new MFH residents with an information packet (Resident Guide) upon arrival. This packet contains the local procedures for MFH residents. The procedures outline BBC Housing Maintenance, Air Force, and individual responsibilities for homes in MFH. Through preventative practices and/or established requirements, individual impacts on stormwater discharges are minimized.

The Environmental Staff has provided CES Housing Management with the six (6) stormwater brochures discussed below (Household Hazardous Waste, Pet Waste Management, Pollution Prevention, Proper Lawn Care, Stormwater Pollution Prevention Door Hangers/Flyers, and Water Conservation Practices) to disseminate to new move-ins during in-processing. This will allow all the stormwater brochures to reach each residential family in MFH. In addition, these brochures are available for viewing and/or download on the Dyess Housing Management website.

The same six (6) stormwater brochures are available at the BBC Housing Maintenance facility for distribution to employees and any residents that may visit that facility.

A summary of the stormwater brochures are summarized below.

- **Household Hazardous Waste**

Dyess has implemented and continues to develop a program to educate MFH residents and BBC employees about Household Hazardous Waste (HHW). In addition, BBC Housing Maintenance provides general supplies for MFH residents that can be picked up at the Housing Maintenance facility (building 11913). Local procedures for MFH residents prohibit the disposal of HHW into the trash. Designated special wastes include engine oils, coolants, car grease, and similar products. Residents are instructed to dispose of paint products or other HHW at the City of Abilene Recycling Center.

Dyess has created a Hazardous Substances Fact Sheet that informs MFH residents and BBC employees of potential impacts to stormwater caused by improper disposal of HHW. Locations for proper disposal of HHW are listed on the fact sheet as well as in BBC's Residential Guide. The brochure is made available to MFH residents and BBC employees in hard copy format at the BBC Housing Maintenance facility.

The Stormwater Program Manager will annually track and record the number of residences receiving the Hazardous Substances Fact Sheet during in-processing and the number distributed at the BBC Maintenance facility. The annual measurable goals are summarized in **Table 2-1** below.

- **Pet Waste Management**

Dyess has implemented and continues to develop a program to educate MFH residents and BBC employees about Pet Waste Management. Residents are required to pick up pet feces daily; pet waste stands are located throughout MFH in parks and open spaces, at playgrounds, and along walking paths.

Dyess has created a Pet Waste Management brochure that informs MFH residents and BBC employees of potential impacts to stormwater caused by pet wastes and what they can do to mitigate the introduction of this pollutant into our waterways. The brochure is made available to MFH residents and BBC employees in hard copy format at the BBC Housing Maintenance facility.

The Stormwater Program Manager will annually track and record the number of residences receiving the Pet Waste Management brochure during in-processing and the number distributed at the BBC Maintenance facility. The annual measurable goals are summarized in **Table 2-1** below.

- **Pollution Prevention**

Dyess is not only concerned about stormwater contamination, but with many forms of environmental pollution in our community. The Pollution Prevention trifold contains information regarding numerous environmental education-related topics and covers stormwater pollution prevention as well. The brochure is made available to MFH residents and BBC employees in hard copy format at the BBC Housing Maintenance facility.

The Stormwater Program Manager will annually track and record the number of residences receiving the Pollution Prevention trifold during in-processing and the number distributed at the BBC Maintenance facility. The annual measurable goals are summarized in **Table 2-1** below.

- **Proper Lawn Care**

Dyess has implemented and continues to develop a program to educate MFH residents and BBC employees about proper lawn care. Grass mowing is required as necessary to maintain a neat appearance, and the mulching of grass clippings is recommended. Lawns must be free of debris (paper, cans, candy wrappers, etc.), and residents are expected to control pests in and around their residence. These pests can be prevented or controlled through good housekeeping, proper food storage, and minimal use of pesticides.

Dyess has adopted an Earth-wise Guide to Lawn Care brochure that informs MFH residents and BBC employees of proper methods for starting a new lawn, caring for an established lawn, irrigation, fertilization, and pesticide toxicity information. The brochure is made available to MFH residents and BBC employees in hard copy format at the BBC Housing Maintenance facility.

The Stormwater Program Manager will annually track and record the number of residences receiving the Earth-wise Guide to Lawn Care brochure during in-processing. The annual measurable goals are summarized in **Table 2-1** below.

- **Stormwater Pollution Prevention Door Hangers/Flyer**

Dyess has created Stormwater Pollution Prevention Door Hanger/Flyer to educate MFH residents and BBC employees about Stormwater Pollution Prevention measures; however, these door hangers were converted to digital format for more efficient distribution. The flyer contains general stormwater awareness material as well as guidelines each resident/employee can follow to prevent the contamination of stormwater in the MS4. The brochure is made available to MFH residents and BBC employees in hard copy format at the BBC Housing Maintenance facility. These measures include:

- Lawn Care
- Pet Waste
- Trash/Floatables
- Household Chemicals
- Washing of Vehicles
- Automotive Maintenance

The Stormwater Program Manager will annually track and record the number of residences receiving the Stormwater Pollution Prevention Door Hanger/Flyer during in-processing and the number distributed at the BBC Maintenance facility. The annual measurable goals are summarized in **Table 2-1** below.

- **Water Conservation Practices**

Dyess has partnered with the City of Abilene in all water conservation initiatives and has adopted a policy of year-round water use management that limits watering to specified days and times throughout the entire year depending on local lake levels. Water running in the streets is considered waste, and abuse is subject to disciplinary action.

Dyess has created a Water Conservation pamphlet that informs MFH residents and BBC employees of methods to save water inside and outside a residence. The brochure is made available to MFH residents and BBC employees in hard copy format at the BBC Housing Maintenance facility.

The Stormwater Program Manager will annually track and record the number of residences receiving the Water Conservation pamphlet during in-processing and the number distributed at the BBC Maintenance facility. The implementation schedule and annual measurable goals are summarized in the **Table 2-1** below.

TABLE 2-1

Month/Year	Annual Measurable Goals
December/2025	Track and record 100% of the number of MFH residences receiving the six stormwater brochures (HHW, Pet Waste, Lawn Care, Pollution Prevention, SW Pollution Prevention, Water Conservation) during in-briefs annually. Track and record 100% of the circulation of the six stormwater brochures (HHW, Pet Waste, Lawn Care, Pollution Prevention, SW Pollution

	Prevention, & Water Conservation) distributed from the BBC Housing Maintenance facility. Update brochures as needed.
December/2026	Track and record 100% of the number of MFH residences receiving the six stormwater brochures (HHW, Pet Waste, Lawn Care, Pollution Prevention, SW Pollution Prevention, Water Conservation) during in-briefs annually. Track and record 100% of the circulation of the six stormwater brochures (HHW, Pet Waste, Lawn Care, Pollution Prevention, SW Pollution Prevention, & Water Conservation) distributed from the BBC Housing Maintenance facility. Update brochures as needed.
December/2027	Track and record 100% of the number of MFH residences receiving the six stormwater brochures (HHW, Pet Waste, Lawn Care, Pollution Prevention, SW Pollution Prevention, Water Conservation) during in-briefs annually. Track and record 100% of the circulation of the six stormwater brochures (HHW, Pet Waste, Lawn Care, Pollution Prevention, SW Pollution Prevention, & Water Conservation) distributed from the BBC Housing Maintenance facility. Update brochures as needed.
December/2028	Track and record 100% of the number of MFH residences receiving the six stormwater brochures (HHW, Pet Waste, Lawn Care, Pollution Prevention, SW Pollution Prevention, Water Conservation) during in-briefs annually. Track and record 100% of the circulation of the six stormwater brochures (HHW, Pet Waste, Lawn Care, Pollution Prevention, SW Pollution Prevention, & Water Conservation) distributed from the BBC Housing Maintenance facility. Update brochures as needed.
December/2029	Track and record 100% of the number of MFH residences receiving the six stormwater brochures (HHW, Pet Waste, Lawn Care, Pollution Prevention, SW Pollution Prevention, Water Conservation) during in-briefs annually. Track and record 100% of the circulation of the six stormwater brochures (HHW, Pet Waste, Lawn Care, Pollution Prevention, SW Pollution Prevention, & Water Conservation) distributed from the BBC Housing Maintenance facility. Update brochures as needed.

2.2 SWMP AND ANNUAL REPORTS ON DYESS AFB PUBLIC WEBSITE

Dyess AFB maintains a website (www.dyess.af.mil) that is openly available to the public. On this site, there is a designated area for environmental information and announcements to be posted. Within 30 days of approval of the Notice of Intent (NOI) or Notice of Change (NOC) by the TCEQ,

the SWMP will be posted on the Dyess public website. If any updates to the SWMP occur during the five-year permit term, the websites will be revised accordingly. All MS4 Annual Reports will also be posted to the Dyess public website. The implementation schedule and annual measurable goals are summarized in **Table 2-2** below.

TABLE 2-2

Month/Year	Annual Measurable Goals
December/2025	Post renewed SWMP to the Dyess public website once the NOI and/or NOC is approved by the TCEQ. Post 1st Annual Report to the Dyess public website.
December/2026	If updates to the SWMP occur, replace previous SWMP with updated version to the Dyess public website. Post 2nd Annual Report to the Dyess public website.
December/2027	If updates to the SWMP occur, replace previous SWMP with updated version to the Dyess public website. Post 3rd Annual Report to the Dyess public website.
December/2028	If updates to the SWMP occur, replace previous SWMP with updated version to the Dyess public website. Post 4th Annual Report to the Dyess public website.
December/2029	If updates to the SWMP occur, replace previous SWMP with updated version to the Dyess public website. Post 5th Annual Report to the Dyess public website.

PUBLIC EDUCATION AND OUTREACH BEST MANAGEMENT PRACTICES

Small MS4 operators must use appropriate educational resources as BMPs (materials, events, activities, etc.) in conjunction with the selected pollutants for the selected audiences. Over the permit term, small MS4 Level 2b operators shall implement a minimum of four public education and outreach BMPS from Part IV, Section D - Table 4: Required Public Education and Outreach BMPs.

Dyess has chosen the following Public Education and Outreach BMPs which will each be explained and summarized below, followed with the implementation schedules and annual goals.

- Information on the MS4 operator's website.
- Maintain or mark storm drains and inlets with "No Dumping – Drains to Creek" or a similar message.
- Fact sheets/brochures/utility bill inserts/door hangers.
- Permanent stormwater related signage

2.3 INFORMATION ON THE MS4 OPERATOR'S WEBSITE

Dyess AFB maintains a website (www.dyess.af.mil) that is openly available to the public. On this site, there is a designated area for environmental information and announcements to be posted.

The Environmental Element will work with Dyess Public Affairs (PA) office to establish a permanent section for MS4 information which will include, at a minimum, the SWMP, Annual MS4 Reports, and the six stormwater educational brochures detailed in Section 2.1 of this SWMP. Additional information, notices, and/or educational materials will be added as they come available.

Dyess AFB maintains a SharePoint page known as eDASH, which is utilized as an Environmental Management System (EMS) for dissemination of environmental information, plans, guides, training, etc. Within the eDASH is a Program Area titled Water Quality for which all stormwater information is maintained. The Environmental Element will maintain, at a minimum, the SWMP, Annual MS4 Reports, and the six stormwater educational brochures detailed in Section 2.1 of this SWMP. Additional information, notices, and/or education materials will be added as they come available.

The Stormwater Program Manager will once annually track and record the status of the Dyess website MS4 Section and the eDASH SharePoint to verify links and if any updates are necessary. The implementation schedule and annual measurable goals are summarized in the **Table 2-3** below.

TABLE 2-3

Month/Year	Annual Measurable Goals
December/2025	The Environmental Element will coordinate with Dyess PA to establish a permanent MS4 section on the Dyess website to provide MS4 stormwater education material detailed in Section 2.3 of this SWMP. The Environmental Element will populate the eDASH SharePoint site with MS4 stormwater education material detailed in Section 2.3 of this SWMP. All links on the Dyess Webpage and eDASH SharePoint shall be checked at a minimum of once annually and the page shall be updated as necessary.
December/2026	All links on the Dyess Webpage and eDASH SharePoint shall be checked at a minimum of once annually and the page shall be updated as necessary.
December/2027	All links on the Dyess Webpage and eDASH SharePoint shall be checked at a minimum of once annually and the page shall be updated as necessary.
December/2028	All links on the Dyess Webpage and eDASH SharePoint shall be checked at a minimum of once annually and the page shall be updated as necessary.

December/2029	All links on the Dyess Webpage and eDASH SharePoint shall be checked at a minimum of once annually and the page shall be updated as necessary.

2.4 STORM DRAIN DECALS

MFH-Permitted Area

During past MS4 permit years, storm drain decals have been installed on or nearby all storm drain inlets in the MFH-permitted area of the MS4 to educate base personnel that storm drains lead directly to receiving water bodies. These decals are marked with "***No Dumping Drains to Creek***." 100 percent of the storm drain inlets in the MFH are designated with the storm drain decals.

There are 84 storm drains with decals in the MFH-permitted area; for this permit term environmental staff will inspect ~20% of the storm drains per year. If decals are missing or damaged, Environmental staff will re-install new decals. The implementation schedule and annual measurable goals are summarized in **Table 2-4a** below.

TABLE 2-4a

Month/Year	Annual Measurable Goals
December/2025	Track ~20% (16 storm drains) of the installed decals to determine maintenance or replacement needs. Install new decals if damaged or missing.
December/2026	Track ~20% (16 storm drains) of the installed decals to determine maintenance or replacement needs. Install new decals if damaged or missing.
December/2027	Track ~20% (18 storm drains) of the installed decals to determine maintenance or replacement needs. Install new decals if damaged or missing.
December/2028	Track ~20% (18 storm drains) of the installed decals to determine maintenance or replacement needs. Install new decals if damaged or missing.
December/2029	Track ~20% (16 storm drains) of the installed decals to determine maintenance or replacement needs. Install new decals if damaged or missing.

Installation-Permitted Area

During past MS4 permit years, storm drain decals have been installed on or nearby all storm drain inlets in the MFH-permitted area of the MS4 to educate base personnel that storm drains lead directly to receiving water bodies. These decals are marked with "***No Dumping Drains to Creek***."

Dyess will us the same decals to install on stormwater drain inlets in the newly designated Installation-permitted area of the MS4.

There are approximately 393 storm drains that have been initially identified in the Installation-permitted area. The Dyess Environmental Element will install storm drain decals on ~20% of the storm drain inlets located in the Installation-permitted area per calendar year during this permit term. Unidentified storm drain inlets discovered during this process will be added to the list as necessary. The implementation schedule and annual measurable goals are summarized in **Table 2-4b** below.

TABLE 2-4b

Month/Year	Annual Measurable Goals
December/2025	Install decals on ~20% (78 storm drains) of the storm drain inlets.
December/2026	Install decals on ~20% (78 storm drains) of the storm drain inlets.
December/2027	Install decals on ~20% (79 storm drains) of the storm drain inlets.
December/2028	Install decals on ~20% (79 storm drains) of the storm drain inlets.
December/2029	Install decals on ~20% (79 storm drains) of the storm drain inlets.

2.5 PERMANENT STORMWATER RELATED SIGNAGE

Dyess has selected the "Permanent Stormwater Related Signage" as one of the four Public Education and Outreach BMPs provided in Table 4: Required Public Education and Outreach BMPs. Dyess will purchase ~18 pet waste signs and have BBC Housing Maintenance install them adjacent to each of the pet waste stations in the MFH-permitted area of the MS4. These signs will feature stormwater related information regarding how pet waste can cause pollutants to reach our waterways.

The 18 signs will be purchased and installed during the first year of the new permit term. All signs will then be inspected at least once annually in each subsequent year of the permit cycle. The implementation schedule and annual measurable goals are summarized in **Table 2-5** below.

TABLE 2-5

Month/Year	Annual Measurable Goals
December/2025	Dyess will purchase and BBC will install 18 pet waste related signage adjacent to each pet waste station located in the MFH-permitted area of the MS4.
December/2026	Dyess and/or BBC will inspect 100% of pet waste related signage in the MFH-permitted area of the MS4.
December/2027	Dyess and/or BBC will inspect 100% of pet waste related signage in the MFH-permitted area of the MS4.

December/2028	Dyess and/or BBC will inspect 100% of pet waste related signage in the MFH-permitted area of the MS4.
December/2029	Dyess and/or BBC will inspect 100% of pet waste related signage in the MFH-permitted area of the MS4.

2.6 FACT SHEETS / BROCHURES / DOOR HANGERS

MFH-Permitted Area

Stormwater education material (fact sheets & brochures) shall be distributed each year to at least 75% of the military personnel and their dependents residing in the MFH-permitted area. Annually, the Environmental Element will provide one of the six stormwater education brochures detailed in Section 2.1 (different brochure each year), along with a summary of the selected brochure, to BBC. BBC will disseminate this information to all 674 residences in the MFH-permitted area via an email correspondence. The brochure shall be attached to the email and the summary of the selected brochure will be provided in the main body of the email. The implementation schedule and annual measurable goals are summarized in **Table 2-6a** below.

TABLE 2-6a

Month/Year	Annual Measurable Goals
December/2025	The Environmental Element will provide a fact sheet and/or brochure, along with a summary, to BBC to disseminate to at least 75% of the target audience (military personnel and their dependents) in the MFH-permitted area. One of the six stormwater education materials detailed in Section 2.1 will be selected; a different fact sheet/brochure will be circulated each year.
December/2026	The Environmental Element will provide a fact sheet and/or brochure, along with a summary, to BBC to disseminate to at least 75% of the target audience (military personnel and their dependents) in the MFH-permitted area. One of the six stormwater education materials detailed in Section 2.1 will be selected; a different fact sheet/brochure will be circulated each year.
December/2027	The Environmental Element will provide a fact sheet and/or brochure, along with a summary, to BBC to disseminate to at least 75% of the target audience (military personnel and their dependents) in the MFH-permitted area. One of the six stormwater education materials detailed in Section 2.1 will be selected; a different fact sheet/brochure will be circulated each year.
December/2028	The Environmental Element will provide a fact sheet and/or brochure, along with a summary, to BBC to disseminate to at least 75% of the target audience (military personnel and their dependents) in the MFH-permitted area.

	One of the six stormwater education materials detailed in Section 2.1 will be selected; a different fact sheet/brochure will be circulated each year.
December/2029	The Environmental Element will provide a fact sheet and/or brochure, along with a summary, to BBC to disseminate to at least 75% of the target audience (military personnel and their dependents) in the MFH-permitted area. One of the six stormwater education materials detailed in Section 2.1 will be selected; a different fact sheet/brochure will be circulated each year.

Installation-Permitted Area

Stormwater education material (fact sheets & brochures) shall be distributed each year to at least 75% of the employees, including contractors, in the Installation-permitted area. Annually, the Environmental Element will provide one of the six stormwater education brochures detailed in Section 2.1 (different brochure each year), along with a summary of the selected brochure, to the Dyess Public Affairs (PA) office. PA will disseminate this information to all employees in the Installation-permitted area via PA's weekly Dyess News email blast, which goes to the entire installation. The brochure shall be attached to the email and the summary of the selected brochure will be provided in the main body of the email under "Engaging the Community". The implementation schedule and annual measurable goals are summarized in **Table 2-6b** below.

TABLE 2-6b

Month/Year	Annual Measurable Goals
December/2025	The Environmental Element will provide a fact sheet and/or brochure, along with a summary, to Public Affairs to disseminate to at least 75% of the target audience (employees & contractors) in the Installation-permitted area via the weekly Dyess News email blast. One of the six stormwater education materials detailed in Section 2.1 will be selected; a different fact sheet/brochure will be circulated each year.
December/2026	The Environmental Element will provide a fact sheet and/or brochure, along with a summary, to Public Affairs to disseminate to at least 75% of the target audience (employees & contractors) in the Installation-permitted area via the weekly Dyess News email blast. One of the six stormwater education materials detailed in Section 2.1 will be selected; a different fact sheet/brochure will be circulated each year.
December/2027	The Environmental Element will provide a fact sheet and/or brochure, along with a summary, to Public Affairs to disseminate to at least 75% of the target audience (employees & contractors) in the Installation-permitted area via the weekly Dyess News email blast. One of the six stormwater education materials detailed in Section 2.1 will be selected; a different fact sheet/brochure will be circulated each year.
December/2028	The Environmental Element will provide a fact sheet and/or brochure, along with a summary, to Public Affairs to disseminate to at least 75% of

	the target audience (employees & contractors) in the Installation-permitted area via the weekly Dyess News email blast. One of the six stormwater education materials detailed in Section 2.1 will be selected; a different fact sheet/brochure will be circulated each year.
December/2029	The Environmental Element will provide a fact sheet and/or brochure, along with a summary, to Public Affairs to disseminate to at least 75% of the target audience (employees & contractors) in the Installation-permitted area via the weekly Dyess News email blast. One of the six stormwater education materials detailed in Section 2.1 will be selected; a different fact sheet/brochure will be circulated each year.

3.0 PUBLIC INVOLVEMENT/PARTICIPATION

The second MCM described in this SWMP is Public Involvement/Participation (PIP). The goal of this MCM is to ensure greater public involvement and participation in the planning and implementation activities related to developing and implementing the SWMP. The MS4 operator must create opportunities, or support activities that are coordinated by citizen groups, for residents and others to become involved with the SWMP. These activities/BMPs must demonstrate an impact on stormwater runoff by improving water quality.

The public Involvement/Participation program target audience shall at a minimum include military personnel (and dependents) and employees (including contractors).

Over the permit term, the small MS4 operator shall implement a minimum of three public involvement/participation activities and measurable goals from Table 5: Public Involvement/Participation BMPs found in Part IV, Section D of the MS4 General Permit.

Dyess has chosen the following Public Education and Outreach BMPs and they each will be explained with the implementation schedule and annual goals summarized below.

- Stream/lake or watershed clean-up events; litter/trash clean-up events
- Habitat improvement; tree planting; invasive vegetation removal; stream restoration
- Educational display/booth at a school, public event, or similar event

3.1 STREAM/LAKE OR WATERSHED CLEAN-UP EVENTS; LITTER/TRASH CLEAN-UP EVENTS

Dyess will conduct at least once annually a stream/lake or watershed clean-up event or a litter/trash clean-up event. The land area parameters of the clean-up event will, at a minimum, meet the requirements established in the measurable goals dictated in the permit and outlined below. The implementation schedule and annual measurable goals are summarized in **Table 3-1** below.

TABLE 3-1

Month/Year	Annual Measurable Goals
December/2025	Host or support at a minimum one event annually. To be considered an event, the land area cleaned must be a minimum of: ▪ Two acres ▪ 400 yards of steam/streambank/riparian area, or ▪ Two miles of roadside. These may be combined (such as one acres of land and 200 yards of stream).
December/2026	Host or support at a minimum one event annually. To be considered an event, the land area cleaned must be a minimum of:

	▪ Two acres ▪ 400 yards of steam/streambank/riparian area, or ▪ Two miles of roadside. These may be combined (such as one acres of land and 200 yards of stream).
December/2027	Host or support at a minimum one event annually. To be considered an event, the land area cleaned must be a minimum of: ▪ Two acres ▪ 400 yards of steam/streambank/riparian area, or ▪ Two miles of roadside. These may be combined (such as one acres of land and 200 yards of stream).
December/2028	Host or support at a minimum one event annually. To be considered an event, the land area cleaned must be a minimum of: ▪ Two acres ▪ 400 yards of steam/streambank/riparian area, or ▪ Two miles of roadside. These may be combined (such as one acres of land and 200 yards of stream).
December/2029	Host or support at a minimum one event annually. To be considered an event, the land area cleaned must be a minimum of: ▪ Two acres ▪ 400 yards of steam/streambank/riparian area, or ▪ Two miles of roadside. These may be combined (such as one acres of land and 200 yards of stream).

3.2 HABITAT IMPROVEMENT; TREE PLANTING; INVASIVE VEGETATION REMOVAL; STREAM RESTORATION

Dyess will conduct at least once annually a habitat improvement, tree planting, invasive vegetation removal, or stream restoration event. The parameters of the event will, at a minimum, meet the requirements established in the measurable goals dictated in the permit and outlined below. The implementation schedule and annual measurable goals are summarized in **Table 3-2** below.

TABLE 3-2

Month/Year	Annual Measurable Goals
December/2025	Host or support at a minimum one event annually. ▪ To be considered an event, the project must be a minimum of 0.5 acres of 25 yards.

	▪ An event may take place in streams, parks, areas adjacent to public waterways, or other green space. ▪ An event may be a combination of locations and areas.
December/2026	Host or support at a minimum one event annually. ▪ To be considered an event, the project must be a minimum of 0.5 acres of 25 yards. ▪ An event may take place in streams, parks, areas adjacent to public waterways, or other green space. ▪ An event may be a combination of locations and areas.
December/2027	Host or support at a minimum one event annually. ▪ To be considered an event, the project must be a minimum of 0.5 acres of 25 yards. ▪ An event may take place in streams, parks, areas adjacent to public waterways, or other green space. ▪ An event may be a combination of locations and areas.
December/2028	Host or support at a minimum one event annually. ▪ To be considered an event, the project must be a minimum of 0.5 acres of 25 yards. ▪ An event may take place in streams, parks, areas adjacent to public waterways, or other green space. ▪ An event may be a combination of locations and areas.
December/2029	Host or support at a minimum one event annually. ▪ To be considered an event, the project must be a minimum of 0.5 acres of 25 yards. ▪ An event may take place in streams, parks, areas adjacent to public waterways, or other green space. ▪ An event may be a combination of locations and areas.

3.3 EDUCATIONAL DISPLAY/BOOTH AT A SCHOOL, PUBLIC EVENT, OR SIMILAR EVENT

Dyess will provide or support at least once annually an educational display/booth at a school, public event, or similar event to provide information or displays that work to improve public understanding of issues related to water quality. The parameters of the event will, at a minimum, meet the requirements established in the measurable goals dictated in the permit and outlined below. The implementation schedule and annual measurable goals are summarized in **Table 3-3** below.

TABLE 3-3

Month/Year	Annual Measurable Goals
December/2025	Provide or support one booth or display at minimum annually. The booth or display must be staffed during the time which the event is open to the public.
December/2026	Provide or support one booth or display at minimum annually. The booth or display must be staffed during the time which the event is open to the public.
December/2027	Provide or support one booth or display at minimum annually. The booth or display must be staffed during the time which the event is open to the public.
December/2028	Provide or support one booth or display at minimum annually. The booth or display must be staffed during the time which the event is open to the public.
December/2029	Provide or support one booth or display at minimum annually. The booth or display must be staffed during the time which the event is open to the public.

4.0 ILLICIT DISCHARGE DETECTION AND ELMINATION (IDDE)

An illicit discharge is defined as *"a point source discharge of pollutants to an MS4, which is not composed entirely of stormwater and not authorized by an NPDES permit."* Discharge sources must be controlled, and illegal behavior prohibited.

The goal of the Illicit Discharge Detection and Elimination (IDDE) MCM is to prevent the discharge of pollutants (trace/heavy metals, toxics, oil and grease, solvents, nutrients, viruses, and bacteria) to receiving waters by eliminating illicit discharges to Dyess' stormwater conveyance system. EPA studies have shown that pollutant levels from illicit discharges can be high enough to significantly degrade receiving water quality and threaten aquatic life, wildlife, and human health. Typical sources of illicit discharges include sanitary wastewater, effluent from septic tanks, car wash wastewaters, improper used oil disposal, radiator flushing disposal, roadway spills, and improper disposal of auto and household chemicals. Dyess has investigated, by dry weather screening and other survey means, and determined that no cross-connections are known to exist in which sanitary wastewater is entering the stormwater collection system.

Development, implementation, and enforcement of an IDDE program is required by the MS4 Permit; therefore, a program has been established that serves to detect and eliminate illicit discharges to the MS4.

The Installation Commander at Dyess is responsible for managing environmental compliance programs and enforcing compliance with environmental regulations. Monitoring of compliance with BMPs as outlined in the SWMP shall be performed by Dyess Environmental Element and/or BBC Housing Maintenance personnel. Instances of non-compliance by persons or entities shall be investigated and enforced upon through existing Dyess chain of command structuring and/or security force protection measures. Any identification of an illicit discharge or instance of non-compliance requiring notification shall immediately be reported to the Installation Commander through existing chain of command procedures for appropriate enforcement considerations.

4.1 UPDATE AND MAINTAIN EXISTING STORM SEWER SYSTEM MAP

The MS4 Permit requires all permitted entities to maintain an updated MS4 map. At a minimum, the map must include locations of all MS4 outfalls that are operated by the permittee and that discharge into waters of the U.S., the location and name of all surface waters receiving discharges from the MS4 outfalls, and priority areas, if applicable. Dyess has developed a comprehensive map of the base's stormwater conveyance system that identifies storm drain inlets, manholes, culverts, pipes, outfalls, and receiving waters. The storm sewer map will be reviewed annually and updated, as needed, to account for modifications of the system. The implementation schedule and annual measurable goals are summarized in **Table 4-1** below.

TABLE 4-1

Month/Year	Annual Measurable Goals
December/2025	Review the storm sewer map annually and update as needed.
December/2026	Review the storm sewer map annually and update as needed.
December/2027	Review the storm sewer map annually and update as needed.
December/2028	Review the storm sewer map annually and update as needed.
December/2029	Review the storm sewer map annually and update as needed.

4.2 EDUCATING AND TRAINING MS4 FIELD STAFF

The MS4 Permit requires implementing a method for informing or training all MS4 field staff that may come into contact with or otherwise observe an illicit discharge, illegal dumping, or illicit connection to the MS4 as part of their normal job responsibilities The Dyess MS4 Field Staff includes all members of the 7 CES/CEIE Environmental Element and BBC Housing Maintenance personnel. Training will be provided at least annually and may include the following topics:

- Good Housekeeping and Spill Prevention
- Spill Control and Response
- Vehicle & Equipment Maintenance
- Vehicle Fueling
- Vehicle & Equipment Washing
- Materials Management
- Parking Lots and Streets
- Waste Management
- Landscape & Grounds Maintenance
- Storm Drain System Cleaning

Training materials and attendance rosters must be maintained in accordance with the MS4 Permit. The implementation schedule and annual measurable goals are summarized in **Table 4-2** below.

TABLE 4-2

Month/Year	Annual Measurable Goals
December/2025	Educate and train 100% of MS4 field staff.
December/2026	Educate and train 100% of MS4 field staff.
December/2027	Educate and train 100% of MS4 field staff.
December/2028	Educate and train 100% of MS4 field staff.
December/2029	Educate and train 100% of MS4 field staff.

4.3 PUBLIC REPORTING, RESPONSE PROCEDURES, INVESTIGATION & ELIMINATION, AND CORRECTIVE ACTIONS FOR ILLICIT DISCHARGES, ILLEGAL DUMPING, OR WATER QUALITY IMPACTS TO THE MS4

- **Public Reporting**

Dyess has established and maintains a stormwater hotline through which the public can report stormwater issues. The hotline will be the Main Line office phone number of the Dyess Environmental office and/or the on-call Environmental phone number. One staff member of the Environmental Element is on call 24-hours/day each week of the year to respond to spills (IDDE events) that occur across the base. The base Fire Department and the Environmental Staff member are both called for all spills. Spill response is based on Dyess' EPA One Plan/SPCC program.

Dyess will publicize IDDE reporting mechanisms twice per year and track the percentage of intended audience reached. This information will be sent to residents of the MFH-Permitted Area and Installation-Permitted Area while meeting Public Education and Outreach requirements detailed in Section 2.6 of this SWMP.

The public reporting mechanisms will be publicized on stormwater-related outreach material and the MS4 operator's public website. The implementation schedule and annual measurable goals are summarized in **Table 4-3a** below.

TABLE 4-3a

Month/Year	Annual Measurable Goals
December/2025	Maintain the Stormwater Hotline or on-call phone as the public reporting mechanisms 100% of the time during the Permit Term. Publicize the public reporting mechanisms twice a year and track the percentage of intended audience reached. Publicize the public reporting mechanisms on the Dyess' public website 100% of the time during the permit term.
December/2026	Maintain the Stormwater Hotline or on-call phone as the public reporting mechanisms 100% of the time during the Permit Term. Publicize the public reporting mechanisms twice a year and track the percentage of intended audience reached. Publicize the public reporting mechanisms on the Dyess' public website 100% of the time during the permit term.
December/2027	Maintain the Stormwater Hotline or on-call phone as the public reporting mechanisms 100% of the time during the Permit Term. Publicize the public reporting mechanisms twice a year and track the percentage of intended audience reached. Publicize the public reporting mechanisms on the Dyess' public website 100% of the time during the permit term.

December/2028	Maintain the Stormwater Hotline or on-call phone as the public reporting mechanisms 100% of the time during the Permit Term. Publicize the public reporting mechanisms twice a year and track the percentage of intended audience reached. Publicize the public reporting mechanisms on the Dyess' public website 100% of the time during the permit term.
December/2029	Maintain the Stormwater Hotline or on-call phone as the public reporting mechanisms 100% of the time during the Permit Term. Publicize the public reporting mechanisms twice a year and track the percentage of intended audience reached. Publicize the public reporting mechanisms on the Dyess' public website 100% of the time during the permit term.

- **Response Procedures**

The Dyess MS4 field staff are committed to detecting, investigating, and eliminating illicit discharges, illegal dumping, and spills into or from the MS4 system. Dyess personnel recognize the impacts an illicit discharge can have on a public waterway and the importance of taking corrective actions in a timely manner. The primary method to detect illicit discharges is dry weather screening. If an illicit discharge is identified through this screening, or other methods, Dyess will investigate using procedures outlined in the Dyess EPA One Plan/SPCC program and the Spill Response Checklist (Appendix A of the Dyess EPA One Plan). The implementation schedule and annual measurable goals are summarized in **Table 4-3b** below.

TABLE 4-3b

Month/Year	Annual Measurable Goals
December/2025	Review and update the procedures (EPA One Plan/SPCC Plan) at least one time annually to address changes and make improvements to established procedures where applicable.
December/2026	Review and update the procedures (EPA One Plan/SPCC Plan) at least one time annually to address changes and make improvements to established procedures where applicable.
December/2027	Review and update the procedures (EPA One Plan/SPCC Plan) at least one time annually to address changes and make improvements to established procedures where applicable.
December/2028	Review and update the procedures (EPA One Plan/SPCC Plan) at least one time annually to address changes and make improvements to established procedures where applicable.
December/2029	Review and update the procedures (EPA One Plan/SPCC Plan) at least one time annually to address changes and make improvements to established procedures where applicable.

- **Source Investigation, Elimination, and Documentation**

Dyess will respond to and investigate 100% of known illicit discharges/illegal dumping/sanitary sewer discharge events within 24-hours to identify and locate the source as soon as practicable.

For 100% of known illicit discharges, illegal dumping incidents, or sanitary sewer discharges where Dyess does not have jurisdiction, we will notify the adjacent MS4 operator or the applicable TCEQ regional office. Likewise, if Dyess is notified by another MS4 operator of an illicit discharge, illegal dumping, or sanitary sewer discharge incident to the Dyess MS4, Dyess will comply with the requirements specified in Section Four (4) of this SWMP.

Dyess will notify TCEQ immediately of 100% of illicit flows believed to be an immediate threat to human health or the environment throughout the permit term. The implementation schedule and annual measurable goals are summarized in **Table 4-3c** below.

TABLE 4-3c

Month/Year	Annual Measurable Goals
December/2025	Respond to and follow up on 100% of illicit discharges/illegal dumping/sanitary sewer discharge events within 24-hours. Communicate with adjacent MS4 operators on 100% of known illicit discharges or illegal dumping that cross jurisdictions. Notify TCEQ immediately of 100% of illicit flows believed to be an immediate threat to human health or the environment.
December/2026	Respond to and follow up on 100% of illicit discharges/illegal dumping/sanitary sewer discharge events within 24-hours. Communicate with adjacent MS4 operators on 100% of known illicit discharges or illegal dumping that cross jurisdictions. Notify TCEQ immediately of 100% of illicit flows believed to be an immediate threat to human health or the environment.
December/2027	Respond to and follow up on 100% of illicit discharges/illegal dumping/sanitary sewer discharge events within 24-hours. Communicate with adjacent MS4 operators on 100% of known illicit discharges or illegal dumping that cross jurisdictions. Notify TCEQ immediately of 100% of illicit flows believed to be an immediate threat to human health or the environment.
December/2028	Respond to and follow up on 100% of illicit discharges/illegal dumping/sanitary sewer discharge events within 24-hours. Communicate with adjacent MS4 operators on 100% of known illicit discharges or illegal dumping that cross jurisdictions. Notify TCEQ immediately of 100% of illicit flows believed to be an immediate threat to human health or the environment.

December/2029	Respond to and follow up on 100% of illicit discharges/illegal dumping/sanitary sewer discharge events within 24-hours. Communicate with adjacent MS4 operators on 100% of known illicit discharges or illegal dumping that cross jurisdictions. Notify TCEQ immediately of 100% of illicit flows believed to be an immediate threat to human health or the environment.

- **Corrective Actions**

Once the source of an illicit discharge/illegal dumping has been determined, Dyess will notify the responsible party within 24-hours. Dyess will require the responsible party to perform all necessary corrective actions to eliminate the illicit discharge resulting from the investigation. Dyess will conduct follow-up inspections as needed to ensure that corrective measures have been implemented and completed. The implementation schedule and annual measurable goals are summarized in **Table 4-3d** below.

TABLE 4-3d

Month/Year	Annual Measurable Goals
December/2025	Document 100% of all illicit discharges/illegal dumping reported and notify the responsible party within 24-hours. Require the responsible party to perform all necessary corrective actions to eliminate the illicit discharge.
December/2026	Document 100% of all illicit discharges/illegal dumping reported and notify the responsible party within 24-hours. Require the responsible party to perform all necessary corrective actions to eliminate the illicit discharge.
December/2027	Document 100% of all illicit discharges/illegal dumping reported and notify the responsible party within 24-hours. Require the responsible party to perform all necessary corrective actions to eliminate the illicit discharge.
December/2028	Document 100% of all illicit discharges/illegal dumping reported and notify the responsible party within 24-hours. Require the responsible party to perform all necessary corrective actions to eliminate the illicit discharge.
December/2029	Document 100% of all illicit discharges/illegal dumping reported and notify the responsible party within 24-hours. Require the responsible party to perform all necessary corrective actions to eliminate the illicit discharge.

5.0 CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

The purpose of the Construction Site Stormwater Runoff Control MCM is to prevent soil/sediment, construction materials, and wastes from leaving the construction site and entering the storm sewer collection system or as otherwise discharge to Waters of the U.S. Polluted runoff from construction sites often flows to MS4s and is discharged into local creeks. Sediment is usually the main pollutant of concern at construction sites, which contribute more sediment to streams than would be deposited naturally over decades.

Dyess will develop, implement, and enforce a program requiring operators of small and large construction activities that meet the requirements of TPDES Construction General Permit (CGP), TXR150000 to select, install, implement, and maintain stormwater control measures that prevent discharges to the MEP. Dyess adopts Part IV, Section D.4.(b)(1) of the MS4 Permit.

- **SITE PLAN REVIEW PROCEDURES**

Dyess will require construction activities located within the MS4-permitted area that necessitate a TPDES CGP to development a site-specific Stormwater Pollution Prevention Plan (SWPPP). Dyess will review all construction site SWPPPs and perform regular site inspections to ensure sediment and erosion controls, soil stabilization, and BMP requirements are effectively selected and implemented for all construction activities discharging to the MS4. Dyess adopts Part IV, Section D.4.(b)(3) of the MS4 Permit.

Dyess requires that all construction projects proposing to disturb one or more acres (defined as both "small" and "large" construction activities) to comply with TPDES CGP TXR150000. Prior to filing an NOI for CGP coverage, the construction operator is required to develop an SWPPP. As the day-to-day operator, the construction contractor is required to actively maintain the SWPPP documenting required CGP modifications. Therefore, the need to develop written site plan review procedures for implementing this MCM is not proposed, as compliance with the CGP is required. The implementation schedule and annual measurable goals are summarized in **Table 5-0a** below.

TABLE 5-0a

Month/Year	Annual Measurable Goals
December/2025	Review and update site plan review procedures at least one time annually to address changes and make improvement to the established procedures where applicable. Implement site plan review procedures for 100% of new construction site plans received each year.
December/2026	Review and update regulatory mechanism at least one time during the permit term to address changes and make improvements where applicable.
December/2027	Review and update regulatory mechanism at least one time during the permit term to address changes and make improvements where applicable.

December/2028	Review and update regulatory mechanism at least one time during the permit term to address changes and make improvements where applicable.
December/2029	Review and update regulatory mechanism at least one time during the permit term to address changes and make improvements where applicable.

- **PROHIBITION OF DISCHARGES**

Dyess adopts part IV, Section D.4.(b)(2) for prohibited discharges in the MS4-permitted area on Dyess AFB. These discharges are prohibited in the Environmental Specifications, which is included in contract documents. Therefore, all contractors must abide by the established stormwater requirements in the Environmental Specifications. The implementation schedule and annual measurable goals are summarized in **Table 5-0b** below.

TABLE 5-0b

Month/Year	Annual Measurable Goals
December/2025	Review and update regulatory mechanism to prohibit these discharges at least one time during the permit term to address changes and make improvements where applicable.
December/2026	Review and update regulatory mechanism to prohibit these discharges at least one time during the permit term to address changes and make improvements where applicable.
December/2027	Review and update regulatory mechanism to prohibit these discharges at least one time during the permit term to address changes and make improvements where applicable.
December/2028	Review and update regulatory mechanism to prohibit these discharges at least one time during the permit term to address changes and make improvements where applicable.
December/2029	Review and update regulatory mechanism to prohibit these discharges at least one time during the permit term to address changes and make improvements where applicable.

- **CONSTRUCTION SITE INSPECTION ENFORCEMENT**

Contractors performing construction activities within the Dyess MS4-permitted area are required to comply with the Environmental Specifications identified in contract documents, which includes the requirements of this SWMP and the CGP, as referenced. The Installation Commander at Dyess is responsible for managing environmental compliance programs and enforcing compliance with environmental regulations. Instances of non-compliances by contracting entities shall be investigated and enforced upon through existing Dyess chain of command structuring, BBC Housing Maintenance, and authority of the Base Contracting Officer (CO). Dyess adopts Part IV, Section D.4.(b)(4) of the MS4 Permit. The implementation schedule and annual measurable goals are summarized in **Table 5-0c** below

TABLE 5-0c

Month/Year	Annual Measurable Goals
December/2025	Review and update regulatory mechanism at least one time during the permit term to address changes and make improvements where applicable.
December/2026	Review and update regulatory mechanism at least one time during the permit term to address changes and make improvements where applicable.
December/2027	Review and update regulatory mechanism at least one time during the permit term to address changes and make improvements where applicable.
December/2028	Review and update regulatory mechanism at least one time during the permit term to address changes and make improvements where applicable.
December/2029	Review and update regulatory mechanism at least one time during the permit term to address changes and make improvements where applicable.

- **DEVELOP, IMPLEMENT, AND MAINTAIN PROCEDURES FOR RECEIPT AND CONSIDERATION OF INFORMATION SUBMITTED BY THE PUBLIC**

All complaints received by the public regarding illicit discharges from construction sites shall be investigated within 24-hours of receipt. Instances of non-compliance by persons or entities shall be investigated and enforced upon through existing Dyess chain of command structuring and/or security force protection measures. Any identification of an illicit discharge or instance of non-compliance requiring notification shall immediately be reported to the Base Contracting Officer or Installation Commander through existing chain of command procedures for appropriate enforcement considerations. Complaints can be received through the Stormwater Hotline as detailed in 4.3 Public Reporting, of this SWMP. The implementation schedule and annual measurable goals are summarized in **Table 5-0d** below

TABLE 5-0d

Month/Year	Annual Measurable Goals
December/2025	Review and update procedures for the receipt and consideration of information submitted by the public at least one time annually to address changes and make improvements to the established procedures as applicable. Maintain the Stormwater Hotline for receipt of information submitted by the public throughout the permit term.
December/2026	Review and update procedures for the receipt and consideration of information submitted by the public at least one time annually to address changes and make improvements to the established procedures as applicable.

	Maintain the Stormwater Hotline for receipt of information submitted by the public throughout the permit term.
December/2027	Review and update procedures for the receipt and consideration of information submitted by the public at least one time annually to address changes and make improvements to the established procedures as applicable. Maintain the Stormwater Hotline for receipt of information submitted by the public throughout the permit term.
December/2028	Review and update procedures for the receipt and consideration of information submitted by the public at least one time annually to address changes and make improvements to the established procedures as applicable. Maintain the Stormwater Hotline for receipt of information submitted by the public throughout the permit term.
December/2029	Review and update procedures for the receipt and consideration of information submitted by the public at least one time annually to address changes and make improvements to the established procedures as applicable. Maintain the Stormwater Hotline for receipt of information submitted by the public throughout the permit term.

5.1 PROCEDURES FOR INSPECTING LARGE AND SMALL CONSTRUCTION PROJECTS

Generally, the Stormwater Program Manager conducts construction sites inspections at a minimum of once every seven days and/or after heavy precipitation events. All construction site inspection checklists are stored in the Stormwater Program Manager's office. Inspections procedures will at a minimum include:

- Determine whether the site has appropriate coverage under the TPDES CGP, TXR150000;
- Conduct a site inspection to determine if proper control measures have been correctly selected, installed, implemented, and maintained according to small MS4 permit requirements;
- Review of the site SWPPP to determine if site conditions reflect the SWPPP requirements and if the SWPPP is being routinely updated to reflect site conditions;
- Access compliance with the Permittee's ordinances and other regulations; and
- Provide a written or electronic inspection report.

Construction activity within the MS4-permitted area is anticipated to be minimal and less than 5 acres for any single project or larger plan of development. Additional inspection procedures on high priority areas are outlined below:

- **CONSTRUCTION SITE ENTRANCES/EXITS**

Sediment tracking controls will reduce the amount of sediment tracked onto streets. All construction site entrances or exits will have sediment tracking control devices installed. Typically, this includes matting or filter cloth and rocks. Designated construction site entrances and exits will remain the primary access point for all vehicles. Any new entrances or exits developed during construction activities will be equipped with required sediment tracking control devices installed. The Stormwater Program Manager will monitor construction site entrances and exits during regular construction site inspections. Any observed deficiencies will be discussed with the Contracting Officer's Representative (COR) to convey to the construction site manager.

- **VEHICLE WASHING AREAS**

Vehicle washing areas reduce the amount of sediment tracked onto streets. Construction contractors will have designated vehicle washing areas for rinsing vehicles, as necessary. Vehicle washing areas will be located in an area sloped away from storm drain inlets. Matting or filter cloth and rocks will be placed in the vehicle washing area. The Stormwater Program Manager will inspect all vehicle washing areas during regular construction site inspections. Any deficiencies will be discussed with the COR to convey to the construction site manager.

- **LINEAR SEDIMENT CONTROLS**

Linear sediment controls can be an effective barrier to sediment leaving construction sites in stormwater runoff. Linear sediment controls include silt fence, storm wattles, or berms. Straw bale barriers and sandbags are not appropriate linear controls and will not be used at construction sites within the MS4-permitted area. However, straw bales may be used at smaller point source discharge points as a water dissipater and silt filter. Silt fences will be supported by metal stakes and dug into the ground. The Stormwater Program Manager will inspect all linear sediment controls during regular construction site inspections. Any deficiencies will be discussed with the COR to convey to the construction site manager.

- **STORM DRAIN INLET PROTECTION**

Storm drain inlet protection measures are controls that help prevent soil and debris from site erosion from entering storm drain inlets. Fabric barriers will be used to protect storm drain inlets at construction sites on Dyess. Fabric barriers are efficient at preventing sediment and floatable debris from entering the stormwater inlets. Accumulated sediment will be removed from stormwater inlets after rainfall events, or as needed. The Stormwater Program Manager will inspect all storm drain inlet protection controls during regular construction site inspections. Any deficiencies will be discussed with the COR to convey to the construction site manager.

The implementation schedule and annual measurable goals are summarized in **Table 5-1** below.

TABLE 5-1

Month/Year	Annual Measurable Goals
December/2025	Review and update inspection procedures at least one time annually to address changes and make improvements to the established procedures where applicable. Conduct inspections at a minimum of 80% of active construction sites annually according to the established procedures. Each year, conduct follow up inspections in 100% of cases where necessary as described in the established procedures.
December/2026	Review and update inspection procedures at least one time annually to address changes and make improvements to the established procedures where applicable. Conduct inspections at a minimum of 80% of active construction sites annually according to the established procedures. Each year, conduct follow up inspections in 100% of cases where necessary as described in the established procedures.
December/2027	Review and update inspection procedures at least one time annually to address changes and make improvements to the established procedures where applicable. Conduct inspections at a minimum of 80% of active construction sites annually according to the established procedures. Each year, conduct follow up inspections in 100% of cases where necessary as described in the established procedures.
December/2028	Review and update inspection procedures at least one time annually to address changes and make improvements to the established procedures where applicable. Conduct inspections at a minimum of 80% of active construction sites annually according to the established procedures. Each year, conduct follow up inspections in 100% of cases where necessary as described in the established procedures.
December/2029	Review and update inspection procedures at least one time annually to address changes and make improvements to the established procedures where applicable. Conduct inspections at a minimum of 80% of active construction sites annually according to the established procedures. Each year, conduct follow up inspections in 100% of cases where necessary as described in the established procedures.

5.2 MS4 CONSTRUCTION SITE TRAINING FOR DYESS PERSONNEL

The Stormwater Program Manager provides training and guidance, while responsibility for executing effective construction site BMPs resides with construction contractors. The Stormwater Program Manager will facilitate construction site stormwater training for members of the Environmental Element that may assist in implementing the construction stormwater program. Training will include permitting and compliance requirements for construction sites disturbing more than one acre (permitted projects) and MS4 Permit requirements. The implementation schedule and annual measurable goals are summarized in **Table 5-2** below.

TABLE 5-2

Month/Year	Annual Measurable Goals
December/2025	Conduct a minimum of one training annually for 100% of MS4 staff whose primary job duties are related to implementing the construction stormwater program.
December/2026	Conduct a minimum of one training annually for 100% of MS4 staff whose primary job duties are related to implementing the construction stormwater program.
December/2027	Conduct a minimum of one training annually for 100% of MS4 staff whose primary job duties are related to implementing the construction stormwater program.
December/2028	Conduct a minimum of one training annually for 100% of MS4 staff whose primary job duties are related to implementing the construction stormwater program.
December/2029	Conduct a minimum of one training annually for 100% of MS4 staff whose primary job duties are related to implementing the construction stormwater program.

6.0 POST CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

Prior planning and design for stormwater management in areas of new development and redevelopment is a cost-effective approach to minimizing pollutants in stormwater discharges. Runoff that flows over areas altered by development can pick up harmful sediment and chemicals and deposit them in receiving waters. Areas of development have the potential to increase the amount of impervious surface and, consequently, the amount of stormwater runoff. Dyess Civil Engineer and Design Flight, in partnership with the U.S. Army Corps of Engineers and BBC Housing Maintenance have incorporated "green zones" into the development of new construction to reduce impervious surfaces and pollutant discharge within the MS4.

Dyess will develop and continue to enforce a program to address stormwater runoff from new and/or redevelopment projects. Contractors performing construction activities within the Dyess MS4-permitted area are required to comply with the Environmental Specifications identified in contract documents, which include the requirements of this SWM,P as referenced.

Planning and design for stormwater management in areas of new development and redevelopment are included as part of front-end specifications for all construction projects within the MS4. As a federal facility, Dyess complies with the National Environmental Policy Act (NEPA) requirements to review proposed actions for environmental impacts, such as those related to post-construction stormwater discharge and are mitigated with the use of BMPs, as necessary. The Air Force implements NEPA through the EIAP as codified in 32 CFR Part 989. Dyess will follow the existing NEPA review process to evaluate proposed federal actions. In addition, all New Development and Redevelopment are designed and must meet Section 438 of the Energy Independence and Security Act (EISA) on implementing stormwater runoff requirements for Federal projects.

6.1 ENFORCEMENT ACTIONS

The Installation Commander at Dyess is responsible for managing environmental compliance programs and enforcing compliance with environmental regulations. Instances of non-compliance by contracting entities shall be investigated and enforced upon through existing Dyess chain of command structuring, security force protection measures, BBC Housing Maintenance, and authority of the Base CO. The implementation schedule and annual measurable goals are summarized in **Table 6-1** below.

TABLE 6-1

Month/Year	Annual Measurable Goals
December/2025	Review and update the regulatory mechanism at least one time during the permit term to address changes and make improvements where applicable. Document and maintain records of 100% of enforcement actions taken each year and make them available for review by the TCEQ within 24 hours of request.

December/2026	Review and update the regulatory mechanism at least one time during the permit term to address changes and make improvements where applicable. Document and maintain records of 100% of enforcement actions taken each year and make them available for review by the TCEQ within 24 hours of request.
December/2027	Review and update the regulatory mechanism at least one time during the permit term to address changes and make improvements where applicable. Document and maintain records of 100% of enforcement actions taken each year and make them available for review by the TCEQ within 24 hours of request.
December/2028	Review and update the regulatory mechanism at least one time during the permit term to address changes and make improvements where applicable. Document and maintain records of 100% of enforcement actions taken each year and make them available for review by the TCEQ within 24 hours of request.
December/2029	Review and update the regulatory mechanism at least one time during the permit term to address changes and make improvements where applicable. Document and maintain records of 100% of enforcement actions taken each year and make them available for review by the TCEQ within 24 hours of request.

6.2 LONG-TERM MAINTENANCE OF POST-CONSTRUCTION STORMWATER CONTROL MEASURES

Stormwater drainage channels, outfalls and Safe-Drains at Dyess receive industrial stormwater discharge as well as discharge from the MS4-permitted area. Per existing SWPPP requirements, regular inspections and maintenance are completed for the structural stormwater control measures as necessary. The Stormwater Program Manager will continue to regularly inspect and maintain record keeping for these stormwater control measures.

Dyess will ensure the long-term operation and maintenance of structural stormwater control measures installed by developing and implementing maintenance plans, creating schedules for maintenance activities, and maintaining documentation records. The implementation schedule and annual measurable goals are summarized in **Table 6-2** below.

TABLE 6-2

Month/Year	Annual Measurable Goals
December/2025	Each year, implement a maintenance plan and schedule established by the small MS4 operator addressing 100% of stormwater control measures where the MS4 operator is responsible for maintenance. Each year, require 100% of the owners or operators of any new development or redeveloped sites to develop and implement a maintenance plan addressing maintenance requirement for any structural control measures installed on site. Require the site owner or operators to maintain documentation, such as tracking log, onsite of 100% of the maintenance performed and made available for review by the small MS4 operator or TCEQ within 24-hours of the request.
December/2026	Each year, implement a maintenance plan and schedule established by the small MS4 operator addressing 100% of stormwater control measures where the MS4 operator is responsible for maintenance. Each year, require 100% of the owners or operators of any new development or redeveloped sites to develop and implement a maintenance plan addressing maintenance requirement for any structural control measures installed on site. Require the site owner or operators to maintain documentation, such as tracking log, onsite of 100% of the maintenance performed and made available for review by the small MS4 operator or TCEQ within 24-hours of the request.
December/2027	Each year, implement a maintenance plan and schedule established by the small MS4 operator addressing 100% of stormwater control measures where the MS4 operator is responsible for maintenance. Each year, require 100% of the owners or operators of any new development or redeveloped sites to develop and implement a maintenance plan addressing maintenance requirement for any structural control measures installed on site. Require the site owner or operators to maintain documentation, such as tracking log, onsite of 100% of the maintenance performed and made available for review by the small MS4 operator or TCEQ within 24-hours of the request.

December/2028	Each year, implement a maintenance plan and schedule established by the small MS4 operator addressing 100% of stormwater control measures where the MS4 operator is responsible for maintenance. Each year, require 100% of the owners or operators of any new development or redeveloped sites to develop and implement a maintenance plan addressing maintenance requirement for any structural control measures installed on site. Require the site owner or operators to maintain documentation, such as tracking log, onsite of 100% of the maintenance performed and made available for review by the small MS4 operator or TCEQ within 24-hours of the request.
December/2029	Each year, implement a maintenance plan and schedule established by the small MS4 operator addressing 100% of stormwater control measures where the MS4 operator is responsible for maintenance. Each year, require 100% of the owners or operators of any new development or redeveloped sites to develop and implement a maintenance plan addressing maintenance requirement for any structural control measures installed on site. Require the site owner or operators to maintain documentation, such as tracking log, onsite of 100% of the maintenance performed and made available for review by the small MS4 operator or TCEQ within 24-hours of the request.

7.0 POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

All permittees shall develop and implement an operations and maintenance program, including an employee training component that has the ultimate goal of preventing or reducing pollutant runoff from municipal activities. Municipally owned areas including but not limited to: park and open space maintenance, street, road, or highway maintenance; fleet and building maintenance, stormwater system maintenance; new construction and land disturbances; municipal parking lots; vehicle and equipment maintenance and storage yards; waste transfer stations; and salt /sand storage locations.

The intent of the pollution prevention and good housekeeping control measure is to ensure that existing municipal operations are performed in ways that will minimize contamination of stormwater discharges. Dyess Environmental Element and BBC Housing Maintenance will examine current practices and alter them when necessary to effectively prevent and/or reduce pollution in stormwater discharges. At a minimum, Dyess will look at practices including:

- Develop and implement municipal operations and maintenance program(s)
- Employee Training
- Good housekeeping and best management practices
- Maintain Dyess' EPA One Plan (SPCC Plan)

7.1 PERMITTEE-OWNED FACILITIES AND CONTROL INVENTORY

Dyess has developed and maintains an inventory of facilities and stormwater controls that it owns and operates within the regulated area of the MS4. The Permittee-owned Facilities and Control Inventory for Dyess is located in **APPENDIX E** of this SWMP.

BBC is the owner and/or operator of all facilities, drainage ways, and streets located in the MFH-Permitted Area of the MS4 area. Therefore, many municipal operations and/or maintenance activities fall under BBC's purview per the lease contract with Dyess. The implementation schedule and annual measurable goals are summarized in **Table 7-1** below.

TABLE 7-1

Month/Year	Annual Measurable Goals
December/2025	Develop and maintain an annual inventory for 100% of the small MS4 owned and operated facilities and controls in the small MS4 area. Review and update the inventory at least one time annually to address changes or additions to the facilities and controls where applicable.
December/2026	Develop and maintain an annual inventory for 100% of the small MS4 owned and operated facilities and controls in the small MS4 area. Review and update the inventory at least one time annually to address changes or additions to the facilities and controls where applicable.

December/2027	Develop and maintain an annual inventory for 100% of the small MS4 owned and operated facilities and controls in the small MS4 area. Review and update the inventory at least one time annually to address changes or additions to the facilities and controls where applicable.
December/2028	Develop and maintain an annual inventory for 100% of the small MS4 owned and operated facilities and controls in the small MS4 area. Review and update the inventory at least one time annually to address changes or additions to the facilities and controls where applicable.
December/2029	Develop and maintain an annual inventory for 100% of the small MS4 owned and operated facilities and controls in the small MS4 area. Review and update the inventory at least one time annually to address changes or additions to the facilities and controls where applicable.

7.2 TRAINING AND EDUCATION

Dyess understands the importance of an educated staff that recognizes and understands the potential consequences of stormwater pollution. Dyess will develop and implement a training program for employees working within the MS4-permitted area. This training will target all employees in the Environmental Element Flight and BBC Housing Maintenance. Training topics for this training and education will include pollution prevention, illicit discharge detection and response, and good housekeeping measures that minimize pollutants in stormwater discharge. Training attendance rosters shall be maintained and made available to TCEQ to review.

For the facilities listed in APPENDIX E – Permittee-owned and Control Inventory, the Environmental Element will provide the Unit Environmental Coordinators (UECs) and the Facility Managers (FMs) with self-paced reading material that will include, but not limited to, pollution prevention and good housekeeping practices. This material will be distributed via email to the subject UECs and FMs, the correspondence records shall be maintained to track training attendance and will be made available for TCEQ to review

UECs participate as a team with base Environmental Element within the framework of an Environmental Management System. The UEC's goals are to maintain and improve environmental compliance and performance within their organizations, recognize and address problems when they occur, and act as points of contact for environmental issues concerning their organization.

The FM is the interface between the facility occupants and the Civil Engineer Squadron. They are responsible for reporting maintenance requirements, conducting facility inspections, and coordinating maintenance activities. As the focal point for facility specific maintenance issues, the FM can help identify erosion and sediment issue and other stormwater problems occurring near individual facilities. FMs must attend an initial training program and an annual refresher.

The Stormwater Program Manager will track the number of employees who complete the training each year. The implementation schedule and annual measurable goals are summarized in **Table 7-2** below.

TABLE 7-2

Month/Year	Annual Measurable Goals
December/2025	Conduct a minimum of one training annually for 100% of employees involved in implementing pollution prevention and good housekeeping practices.
December/2026	Conduct a minimum of one training annually for 100% of employees involved in implementing pollution prevention and good housekeeping practices.
December/2027	Conduct a minimum of one training annually for 100% of employees involved in implementing pollution prevention and good housekeeping practices.
December/2028	Conduct a minimum of one training annually for 100% of employees involved in implementing pollution prevention and good housekeeping practices.
December/2029	Conduct a minimum of one training annually for 100% of employees involved in implementing pollution prevention and good housekeeping practices.

7.3 DISPOSAL OF WASTE MATERIAL

Municipal waste management operations within the MS4 are the responsibility of the City of Abilene's Solid Waste Division. Household and municipal waste is managed in curbside covered containers at residences and industrial/business facilities and is collected bi-weekly by the City of Abilene. Collected waste is transported in covered trucks off-base to a local permitted landfill for disposal per 30 TAC Chapter 330.

In addition to municipal waste management, Dyess also maintains contracts with several entities for the removal of non-hazardous waste and hazardous waste via waste manifest. This waste is properly collected and stored prior to removal and Dyess' Environmental Element ensures that the waste is disposed of in accordance with 30 TAC Chapter 335 and all other hazardous waste regulatory requirements.

Collection of all contaminated sediment and floatable debris removed from the permitted MS4 system shall be managed in covered containers/trucks and disposed of off-base at a permitted landfill. The implementation schedule and annual measurable goals are summarized in **Table 7-3** below

TABLE 7-3

Month/Year	Annual Measurable Goals
December/2025	Ensure that 100% of waste from MS4 is disposed of in accordance with 30 TAC Chapters 330 or 335, as applicable each year.

December/2026	Ensure that 100% of waste from MS4 is disposed of in accordance with 30 TAC Chapters 330 or 335, as applicable each year.
December/2027	Ensure that 100% of waste from MS4 is disposed of in accordance with 30 TAC Chapters 330 or 335, as applicable each year.
December/2028	Ensure that 100% of waste from MS4 is disposed of in accordance with 30 TAC Chapters 330 or 335, as applicable each year.
December/2029	Ensure that 100% of waste from MS4 is disposed of in accordance with 30 TAC Chapters 330 or 335, as applicable each year.

7.4 CONTRACTOR REQUIREMENTS AND OVERSIGHT

Contractors hired to perform construction or maintenance activities at Dyess must agree via contract to adhere to Environmental Specifications as provided by the 7 CES/CEIE Environmental Element. Stormwater regulations and controls are part of the Environmental Specifications. A copy of the Environmental Specifications is available in 7 CES/CEIE for review upon request. The Environmental Specifications are reviewed annually for accuracy and required regulatory updates by the entire Environmental Staff.

All contracts at Dyess are managed by the Contracting Squadron (CS) and a Contracting Officer (CO) that resides in CS. In addition, a Contracting Officer Representative (COR) is assigned to each contract, from the respective unit that has requested the contract, and provides oversight for the contract. The COR ensures that all contractors follow the Environmental Specifications in the PWS/SOW (Performance Work Statement/Scope of Work) that is a supplement to all contracts. The COR and the Environmental Element work together to ensure adherence to the PWS/SOW.

CORs are provided oversight procedures from the CS on how to manage contracts and to ensure the contractors are following contractual and PWS/SOW requirements. These procedures will be made available upon request within 24-hours. The implementation schedule and annual measurable goals are summarized in **Table 7-4** below.

TABLE 7-4

Month/Year	Annual Measurable Goals
December/2025	Each year, ensure that 100% of contractors hired by the MS4 to perform maintenance activities on permittee-owned facilities is contractually required to comply with all stormwater control measures, good housekeeping practices, and facility-specific stormwater management operating procedures in Part IV D.6.(b)(2)-(6). Implement oversight procedures of contractor activities in 100% of contracts to ensure that contractors are using appropriate control measures and SOPs each year. Oversight procedures must be maintained on-site 100% of the time and made available for review by TCEQ within 24-hours of request.

December/2026	Each year, ensure that 100% of contractors hired by the MS4 to perform maintenance activities on permittee-owned facilities is contractually required to comply with all stormwater control measures, good housekeeping practices, and facility-specific stormwater management operating procedures in Part IV D.6.(b)(2)-(6). Implement oversight procedures of contractor activities in 100% of contracts to ensure that contractors are using appropriate control measures and SOPs each year. Oversight procedures must be maintained on-site 100% of the time and made available for review by TCEQ within 24-hours of request.
December/2027	Each year, ensure that 100% of contractors hired by the MS4 to perform maintenance activities on permittee-owned facilities is contractually required to comply with all stormwater control measures, good housekeeping practices, and facility-specific stormwater management operating procedures in Part IV D.6.(b)(2)-(6). Implement oversight procedures of contractor activities in 100% of contracts to ensure that contractors are using appropriate control measures and SOPs each year. Oversight procedures must be maintained on-site 100% of the time and made available for review by TCEQ within 24-hours of request.
December/2028	Each year, ensure that 100% of contractors hired by the MS4 to perform maintenance activities on permittee-owned facilities is contractually required to comply with all stormwater control measures, good housekeeping practices, and facility-specific stormwater management operating procedures in Part IV D.6.(b)(2)-(6). Implement oversight procedures of contractor activities in 100% of contracts to ensure that contractors are using appropriate control measures and SOPs each year. Oversight procedures must be maintained on-site 100% of the time and made available for review by TCEQ within 24-hours of request.
December/2029	Each year, ensure that 100% of contractors hired by the MS4 to perform maintenance activities on permittee-owned facilities is contractually required to comply with all stormwater control measures, good housekeeping practices, and facility-specific stormwater management operating procedures in Part IV D.6.(b)(2)-(6). Implement oversight procedures of contractor activities in 100% of contracts to ensure that contractors are using appropriate control measures and SOPs each year. Oversight procedures must be maintained on-site 100% of the time and made available for review by TCEQ within 24-hours of request.

7.5 MUNICIPAL OPERATIONS AND MAINTENANCE ACTIVITIES

Air Force related units conduct all municipal operations and maintenance activities in the Installation-permitted area of the MS4 that have potential to discharge pollutants in stormwater.

BBC Housing Maintenance conducts all municipal operations and maintenance activities in the MFH-permitted area of the MS4 that have potential to discharge pollutants in stormwater.

- **Assessment of Permittee-owned Operations**

  Permittee shall evaluate operation and maintenance (O&M) activities for their potential to discharge pollutants in stormwater including the following:

  - Road and Parking Lot Maintenance

    - BBC O&M – Ensure that BBC has the knowledge, procedures, and/or training of potential discharge of pollutants to the stormwater drainage system.

    - Installation O&M – Road and parking lot maintenance is performed by the CES, Operations Flight, Heavy Repair, Pavement & Equipment (P&E) section. Ensure that the P&E section should have the knowledge, procedures, and/or training of potential discharge of pollutants to the stormwater drainage system.

    - Contractor O&M – Ensure CORs that oversee road and parking lot maintenance have the knowledge, procedures, and/or training of potential discharge of pollutants to the stormwater drainage system.

  - Runway and Flightline Maintenance

    - Installation O&M – Ensure units conducting runway and flightline maintenance have the knowledge, procedures, and/or training of potential discharge of pollutants to the stormwater drainage system.

    - Contractor O&M – Ensure CORs that oversee runway or flightline maintenance have the knowledge, procedures, and/or training of potential discharge of pollutants to the stormwater drainage system.

  - Bridge Maintenance

    - BBC O&M – Ensure that BBC has the knowledge, procedures, and/or training of potential discharge of pollutants to the stormwater drainage system.

    - Installation O&M – Bridge maintenance is performed by the CES, Operations Flight, Heavy Repair, Pavement & Equipment (P&E) section. Ensure that the P&E section should have the knowledge, procedures, and/or training of potential discharge of pollutants to the stormwater drainage system.

- Contractor O&M – Ensure CORs that oversee bridge maintenance have the knowledge, procedures, and/or training of potential discharge of pollutants to the stormwater drainage system.

- Cold Weather Operations

  - BBC O&M – Ensure BBC has the knowledge, procedures, and/or training for cold weather operations.

  - Installation O&M – Cold weather operations are conducted by the P&E section. The Dyess AFB Inclement Weather ROE will be followed during cold weather operations. Deicing on the runway and flightline of the planes is tracked through the Multi-Sector General Permit (MSGP).

- Open Ditch/Right-of-Way (RoW) Maintenance

  - BBC O&M – Ensure BBC has the knowledge, procedures, and/or training for mowing, the planting of vegetation and any other RoW activities that could result in the potential discharge of pollutants to the stormwater drainage system. Any herbicide/pesticide O&M is conducted by contractor through BBC.

  - Installation O&M – Ensure that P&E have the knowledge, procedures, and/or training for Open Ditch/RoW activities that could result in the potential discharge of pollutants to the stormwater drainage system.

  - Contractor O&M – Ensure CORs that oversee RoW maintenance contractors have the knowledge, procedures, and/or training of potential discharge of pollutants to the stormwater drainage system.

The implementation schedule and annual measurable goals are summarized in **Table 7-5a** below.

TABLE 7-5a

Month/Year	Annual Measurable Goals
December/2025	Evaluate 100% of O&M activities, in conjunction with procedure reviews if appropriate, for their potential to discharge pollutants in stormwater. ▪ Road and parking lot maintenance ▪ Runway and flightline maintenance ▪ Bridge maintenance ▪ Cold weather maintenance ▪ Right-of-way maintenance
December/2026	Evaluate 100% of O&M activities, in conjunction with procedure reviews if appropriate, for their potential to discharge pollutants in stormwater. ▪ Road and parking lot maintenance ▪ Runway and flightline maintenance ▪ Bridge maintenance

	▪ Cold weather maintenance ▪ Right-of-way maintenance
December/2027	Evaluate 100% of O&M activities, in conjunction with procedure reviews if appropriate, for their potential to discharge pollutants in stormwater. ▪ Road and parking lot maintenance ▪ Runway and flightline maintenance ▪ Bridge maintenance ▪ Cold weather maintenance ▪ Right-of-way maintenance
December/2028	Evaluate 100% of O&M activities, in conjunction with procedure reviews if appropriate, for their potential to discharge pollutants in stormwater. ▪ Road and parking lot maintenance ▪ Runway and flightline maintenance ▪ Bridge maintenance ▪ Cold weather maintenance ▪ Right-of-way maintenance
December/2029	Evaluate 100% of O&M activities, in conjunction with procedure reviews if appropriate, for their potential to discharge pollutants in stormwater. ▪ Road and parking lot maintenance ▪ Runway and flightline maintenance ▪ Bridge maintenance ▪ Cold weather maintenance ▪ Right-of-way maintenance

- **Pollutants of Concern**

Permittee shall identify pollutants of concern that could be discharged from the O&M activities.

- Road and parking lot maintenance: sediment, petroleum hydrocarbons/oil & grease, concrete/cement, trash/debris, paint, trace/heavy metals, & organics.

- Runway and Flightline Maintenance: sediment, petroleum hydrocarbons/oil & grease, concrete/cement, trash/debris, paint, trace/heavy metals, organics.

- Bridge maintenance: sediment, petroleum hydrocarbons/oil & grease, concrete/cement, trash/debris, paint, trace/heavy metals, and organics.

- Cold weather operations: Deicing material (i.e. propylene glycol), salt, silt, aggregate, etc., petroleum hydrocarbons,

- Right-of-way maintenance: sediment, petroleum hydrocarbons/oil & grease, concrete/cement, trash/debris, grass clippings, nutrients, trash, bacteria, and herbicides/pesticides.

The implementation schedule and annual goals are summarized in **Table 7-5b** below.

TABLE 7-5b

Month/Year	Annual Measurable Goals
December/2025	Identify pollutants that could be discharged from all the O&M activities described in Part IV.D.6(b)(5)b and maintain a list of 100% of the pollutants identified. Review and update the pollutants of concern list at least one time annually to address changes or additions to the O&M activities as applicable.
December/2026	Identify pollutants that could be discharged from all the O&M activities described in Part IV.D.6(b)(5)b and maintain a list of 100% of the pollutants identified. Review and update the pollutants of concern list at least one time annually to address changes or additions to the O&M activities as applicable.
December/2027	Identify pollutants that could be discharged from all the O&M activities described in Part IV.D.6(b)(5)b and maintain a list of 100% of the pollutants identified. Review and update the pollutants of concern list at least one time annually to address changes or additions to the O&M activities as applicable.
December/2028	Identify pollutants that could be discharged from all the O&M activities described in Part IV.D.6(b)(5)b and maintain a list of 100% of the pollutants identified. Review and update the pollutants of concern list at least one time annually to address changes or additions to the O&M activities as applicable.
December/2029	Identify pollutants that could be discharged from all the O&M activities described in Part IV.D.6(b)(5)b and maintain a list of 100% of the pollutants identified. Review and update the pollutants of concern list at least one time annually to address changes or additions to the O&M activities as applicable.

- **Pollution Prevention Measures**

Permittee shall develop and implement a set of pollution prevention measures that will reduce the discharge of pollutants in stormwater from the following activities.

- Tracking application of deicing and anti-icing compounds

- Dyess currently tracks the application of deicing (no anti-icing) compounds (propylene Glycol) used on the planes located on the runway/flightline through Dyess' MSGP permit.

- Dyess will track the application of deicing compounds to the runway/flightline permitted area of the MS4 through the P&E section who are responsible for these deicing application activities.

- Dyess will track the application of deicing compounds in the Installation-permitted area of the MS4 through the P&E section who are responsible for these deicing application activities. Currently the only deicing compound is the use of sand.

- No deicing applications activities occur in the MFH-permitted area of the MS4.

o Placing barriers around or conducting runoff away from deicing chemical storage areas to prevent discharge into surface waters.

- The propylene glycol utilized for deicing activities for the planes are stored in two 10,000-gallon double-walled tanks within secondary containment sufficient to capture the contents of one tank with necessary freeboard. Discharge to surface waters is highly unlikely to occur from the deicing chemical storage area.

- All compounds used for deicing activities by P&E are stored outside the MS4 permitted area and therefore are not regulated by this MS4 permit.

o Pet Waste Management Stations

Pet waste management stations are in the MFH-permitted area of the MS4 located near dog parks, playground areas, and along walking/bike trails. Encouraging proper pet waste management through the availability of pet waste management stations will reduce the potential for bacteria and nutrient runoff during storm events.

- BBC is responsible for conducting inspection frequency and maintenance on all pet waste management stations.

o Street Sweeping/Cleaning

Street sweeping is used to remove or minimize pollutants such as floatables, debris, trace/heavy metals, petroleum hydrocarbons, and sediment deposited on streets and curb gutters before these materials enter the stormwater conveyance system.

- MFH-Permitted Area – Street sweeping operations in the MFH-Permitted Area of the MS4 will be conducted by BBC on an annual and semi-annual schedule.

  Four major streets in MFH are Texas, Washington, Virginia, and Louisiana. These streets will be swept at least semi-annually while all other streets in the MFH will be swept at least annually.

- Installation-Permitted Area – Street sweeping operations in the Installation-Permitted Area of the MS4 will be conducted by the P&E section. The operations flight is responsible for performing, documenting and tracking street sweeping activities.

  The street sweeping program will focus on areas with high potential for the release of pollutants rather than a set route. A minimum of 8-hours of street sweeping will be performed each month.

- Runway/Flightline-Permitted Area – Runway/Flightline sweeping operations will be conducted by the P&E section. The operations flight is responsible for performing, documenting, and tracking sweeping activities. A minimum of 80-hours of runway/flightline sweeping will be performed each month (based on auxiliary engine hours).

  In addition, Dyess has implemented a Foreign Objects Damage (FOD) prevention program with a purpose to enhance safety of Air Force personnel and equipment by removal of foreign objects through education, prevention measures, and control techniques. Dyess personnel perform "FOD walks" on the runway/flightline to remove trash, debris, floatables, etc. that may result in damage to planes. This program mitigates the introduction of these materials to the stormwater conveyance system.

The implementation schedule and annual measurable goals are summarized in **Table 7-5c** below.

TABLE 7-5c

Month/Year	Annual Measurable Goals
December/2025	Develop and implement a set of pollution prevention measures that will reduce the discharge of pollutants in stormwater from the permittee owned operations. Track 100% of the application of deicing and anti-icing compounds in the MS4 area and record the amount of compound used for each application annually. Place barriers around or conduct runoff away from 100% of deicing chemical storage areas to prevent discharge into surface waters each year. Maintain 100% of the pet waste management stations and record frequency of inspection and maintenance. Verify annually that 100% of street sweeping and runway/flightline sweeping activities have occurred and record the activity.

December/2026	Develop and implement a set of pollution prevention measures that will reduce the discharge of pollutants in stormwater from the permittee owned operations. Track 100% of the application of deicing and anti-icing compounds in the MS4 area and record the amount of compound used for each application annually. Place barriers around or conduct runoff away from 100% of deicing chemical storage areas to prevent discharge into surface waters each year. Maintain 100% of the pet waste management stations and record frequency of inspection and maintenance. Verify annually that 100% of street sweeping and runway/flightline sweeping activities have occurred and record the activity.
December/2027	Develop and implement a set of pollution prevention measures that will reduce the discharge of pollutants in stormwater from the permittee owned operations. Track 100% of the application of deicing and anti-icing compounds in the MS4 area and record the amount of compound used for each application annually. Place barriers around or conduct runoff away from 100% of deicing chemical storage areas to prevent discharge into surface waters each year. Maintain 100% of the pet waste management stations and record frequency of inspection and maintenance. Verify annually that 100% of street sweeping and runway/flightline sweeping activities have occurred and record the activity.
December/2028	Develop and implement a set of pollution prevention measures that will reduce the discharge of pollutants in stormwater from the permittee owned operations. Track 100% of the application of deicing and anti-icing compounds in the MS4 area and record the amount of compound used for each application annually. Place barriers around or conduct runoff away from 100% of deicing chemical storage areas to prevent discharge into surface waters each year. Maintain 100% of the pet waste management stations and record frequency of inspection and maintenance. Verify annually that 100% of street sweeping and runway/flightline sweeping activities have occurred and record the activity.

December/2029	Develop and implement a set of pollution prevention measures that will reduce the discharge of pollutants in stormwater from the permittee owned operations. Track 100% of the application of deicing and anti-icing compounds in the MS4 area and record the amount of compound used for each application annually. Place barriers around or conduct runoff away from 100% of deicing chemical storage areas to prevent discharge into surface waters each year. Maintain 100% of the pet waste management stations and record frequency of inspection and maintenance. Verify annually that 100% of street sweeping and runway/flightline sweeping activities have occurred and record the activity.

- **Inspection of Pollution Prevention Measures**

All pollution prevention measures implemented at permittee-owned facilities must be visually inspected to ensure they are working properly. The permittee shall develop written procedures that describes frequency of inspections occurring at least one time annually and how they will be conducted. A log of inspections must be maintained and made available for review by the TCEQ upon request.

All the permittee-owned facilities listed in APPENDIX E – Permittee-owned Facilities and Control Inventory will be inspected at a minimum of once a year. This will be accomplished by the Environmental Element when the annual Program-Level Assessments (PLAs) are conducted. All but six sites in APPENDIX E are currently on the Environmental Element's list of PLA inspection sites. Two of these sites (B4323 – AGE Flightline Fuel Pumps and B4313 – 90-Day Hazardous Storage Facility) are inspected monthly during Tank Custodian required inspections. The other four sites (B7007/7009 – Logistic Readiness Equipment and Vehicle Storage Yard, B7104 – Indoor Swimming Pool, B7110 – Outdoor Swimming Pool, and B11902 – MFH Outdoor Swimming Pool) will be inspected separately annually by the Stormwater Program Manager.

The PLA facility inspections are conducted quarterly, the facilities are distributed by squadron over the four quarters of the Fiscal Year (October 1st – September 30th). The Environmental Element utilizes the Program-Level Assessments Checklist (Environmental Compliance) to conduct the PLAs. The checklist includes various environmental programs; however, there is a "Stormwater" section that includes the inspection of Pollution Prevention Measures.

Any non-compliance findings are either corrected onsite or if additional time is required the non-compliance is entered into the AF EASIER module to track through to completion.

The implementation schedule and annual measurable goals are summarized in **Table 7-5d** below.

TABLE 7-5d

Month/Year	Annual Measurable Goals
December/2025	At least one time annually, visually inspect 100% of pollution prevention measures implemented at permittee-owned facilities to ensure they are working properly. Develop and maintain written procedures that describe the frequency of inspections and how they will be conducted. Review and update the inspection procedures at least one time annually to address changes or additions to the pollution prevention measures. Maintain a log of 100% of the inspections conducted annually and make the log available for review by the TCEQ within 24 hours of a request.
December/2026	At least one time annually, visually inspect 100% of pollution prevention measures implemented at permittee-owned facilities to ensure they are working properly. Develop and maintain written procedures that describe the frequency of inspections and how they will be conducted. Review and update the inspection procedures at least one time annually to address changes or additions to the pollution prevention measures. Maintain a log of 100% of the inspections conducted annually and make the log available for review by the TCEQ within 24 hours of a request.
December/2027	At least one time annually, visually inspect 100% of pollution prevention measures implemented at permittee-owned facilities to ensure they are working properly. Develop and maintain written procedures that describe the frequency of inspections and how they will be conducted. Review and update the inspection procedures at least one time annually to address changes or additions to the pollution prevention measures. Maintain a log of 100% of the inspections conducted annually and make the log available for review by the TCEQ within 24 hours of a request.
December/2028	At least one time annually, visually inspect 100% of pollution prevention measures implemented at permittee-owned facilities to ensure they are working properly. Develop and maintain written procedures that describe the frequency of inspections and how they will be conducted. Review and update the inspection procedures at least one time annually to address changes or additions to the pollution prevention measures. Maintain a log of 100% of the inspections conducted annually and make the log available for review by the TCEQ within 24 hours of a request.

December/2029	At least one time annually, visually inspect 100% of pollution prevention measures implemented at permittee-owned facilities to ensure they are working properly. Develop and maintain written procedures that describe the frequency of inspections and how they will be conducted. Review and update the inspection procedures at least one time annually to address changes or additions to the pollution prevention measures. Maintain a log of 100% of the inspections conducted annually and make the log available for review by the TCEQ within 24 hours of a request.

7.6 STRUCTURAL CONTROL MAINTENANCE

If BMPs include structural controls, maintenance of the controls must be performed by the permittee and consistent with maintaining the effectiveness of the BMP. The permittee shall develop written procedures that define the frequency of inspections occurring at least one time annually and how they will be conducted.

Dyess has identified three separate stormwater structural controls located in the MS4-permitted area, including the North Diversion Ditch (NDD), the MS4/MSGP Outfalls, and Safe Drains.

- **North Diversion Ditch**

The NDD is a concrete lined ditch that captures stormwater runoff from the northern portion of the runway/flightline and the northern stormwater drainage area of the Installation-permitted area of the MS4. Only the western most portion (west of 3rd Street bridge) of the NDD is located within the MS4. The NDD channels the stormwater runoff from these areas to the MSGP Outfall 001.

At a minimum, the NDD will be inspected at least one time annually to determine if maintenance is required. The inspection will include personnel walking the concrete lined ditch to observe any maintenance requirements. Maintenance requirements may include, but are not limited to, concrete repair, sediment or erosion control repair, and/or sediment, trash, and/or debris removal. If during the inspection maintenance is determined to be required, the Environmental Element will initiate a work order through the Operations Flight.

- **MS4 Outfall 001 and MSGP Outfall 001**

MS4 Outfall 001 and MSGP Outfall 001 are the only two outfalls for stormwater for Dyess AFB. MS4 Outfall 001 receives stormwater from the MFH-permitted area of the MS4 while MSGP Outfall 001 received stormwater from the Installation-permitted area of the MS4.

MS4 Outfall 001 has no structural controls as it is an earthen outfall; however, a chain link fence is across the channel where the outfall leaves the MS4. Therefore, at a minimum, MS4 Outfall 001 will be inspected at least one time annually to assess for the need of sediment and

erosion control maintenance and trash and debris removal from the fence line. If maintenance is determined to be required, the Environmental Element will initiate a work order through the Operations Flight.

MSGP Outfall 001 is a concrete lined outfall with a ~4' concrete weir that has two 12" ball valve outlets. A chain link fence is across the channel where the outfall leaves the MSGP/MS4. At a minimum, MSGP Outfall 001 will be inspected at least one time annually to assess for the need of sediment and erosion control and/or concrete maintenance, the removal of debris from behind the weir and in the 12" ball valve outlets, and removal of debris, trash, and floatables from the fence line. If maintenance is determined to be required, the Environmental Element will initiate a work order through the Operations Flight.

- **Safe Drains**

Safe Drains are storm drain inserts that contain and control unwanted or accidental spills. These drains can be opened and closed as needed to allow uncontaminated stormwater to drain from the specified area or can be closed to prevent spilled material or contaminated stormwater from entering the stormwater conveyance system.

At Dyess, the procedure is to always leave Safe Drains in the closed position to prevent the possible introduction of contaminants into the stormwater conveyance system. After a precipitation event, facility managers will assess the accumulated stormwater for contaminants and decide if corrective actions are required or if the drain can be opened and non-contaminated stormwater can be released.

Safe Drains are installed in three locations at Dyess: one (1) at B8006/8007 – Civil Engineer Equipment and Vehicle Storage Yard, one (1) at 11912/11913 – Balfour Beatty Communities Housing Maintenance Facility, and four (4) at B8015 – Vehicle Maintenance Facility.

At a minimum, these units will be inspected at least one time annually during the PLA for the facility to assess the need for cleaning, repair, and changing out the installed filtration device. In addition, the personnel at these locations are aware of the Safe Drain and check it regularly after rain events and periodically throughout the year.

The implementation schedule and annual measurable goals are summarized in **Table 7-6** below.

TABLE 7-6

Month/Year	Annual Measurable Goals

December/2025	At least one time annually, perform maintenance of 100% of the structural controls which require maintenance. Maintenance must follow a plan and schedule developed by the small MS4 operator to be consistent with maintaining the effectiveness of the BMP. The permittee shall develop and maintain written procedures that define the frequency of inspections and how they will be conducted. Review and update the maintenance procedures at least one time annually to address changes or additions to the pollution prevention measures.
December/2026	At least one time annually, perform maintenance of 100% of the structural controls which require maintenance. Maintenance must follow a plan and schedule developed by the small MS4 operator to be consistent with maintaining the effectiveness of the BMP. The permittee shall develop and maintain written procedures that define the frequency of inspections and how they will be conducted. Review and update the maintenance procedures at least one time annually to address changes or additions to the pollution prevention measures.
December/2027	At least one time annually, perform maintenance of 100% of the structural controls which require maintenance. Maintenance must follow a plan and schedule developed by the small MS4 operator to be consistent with maintaining the effectiveness of the BMP. The permittee shall develop and maintain written procedures that define the frequency of inspections and how they will be conducted. Review and update the maintenance procedures at least one time annually to address changes or additions to the pollution prevention measures.
December/2028	At least one time annually, perform maintenance of 100% of the structural controls which require maintenance. Maintenance must follow a plan and schedule developed by the small MS4 operator to be consistent with maintaining the effectiveness of the BMP. The permittee shall develop and maintain written procedures that define the frequency of inspections and how they will be conducted. Review and update the maintenance procedures at least one time annually to address changes or additions to the pollution prevention measures.

December/2029	At least one time annually, perform maintenance of 100% of the structural controls which require maintenance. Maintenance must follow a plan and schedule developed by the small MS4 operator to be consistent with maintaining the effectiveness of the BMP. The permittee shall develop and maintain written procedures that define the frequency of inspections and how they will be conducted. Review and update the maintenance procedures at least one time annually to address changes or additions to the pollution prevention measures.