



**DEPARTMENT OF THE AIR FORCE
502D AIR BASE WING
JOINT BASE SAN ANTONIO**



29 Mar 2025

Gerald R. Johnson, REM
JBSA Water Quality Program Manager
802 CES/CEIEC
1555 Gott Street, Building 5595
Lackland AFB, Texas 78236

Texas Commission on Environmental Quality
ATTN: Storm Water Team
12100 Park 35 Circle
Building F, Floor 2 (MC-148)
Austin, TX 78753

**SUBJECT: Phase II Non-Traditional Small Municipal Separate Storm Sewer System (MS4)
Annual Report for JBSA-Fort Sam Houston**

This letter serves to transmit the required MS4 Annual Report for the Texas Pollutant Discharge Elimination System General Permit TXR040000, Authorization No. TXR040409.

The annual report is for Year 6. The reporting period begins January 1, 2024, and ends December 31, 2024.

As required by the general permit, a copy of the report has been provided to the TCEQ Region 13 Office in San Antonio, Texas.

If you have any questions, please do not hesitate to contact me at (210) 221-4251 or email gerald.johnson.29@us.af.mil

Sincerely

A handwritten signature in blue ink, appearing to read "G. R. Johnson", written over a horizontal line.

Gerald R. Johnson REM
JBSA Water Quality Program Manager

Attachment:

1. Phase II MS4 Annual Report Form, Fort Sam Houston

Phase II (Small) MS4 Annual Report Form
TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040409

Reporting Year (year will be either 1, 2, 3, 4, or 5): 6

Annual Reporting Year Option Selected by MS4:

Calendar Year: X

Permit Year: _____

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

Reporting period beginning date: (month/date/year) January 1, 2024

Reporting period end date: (month/date/year) December 31, 2024

MS4 Operator Level: Non-Traditional Small MS4 Name of MS4: Joint Base San Antonio-Fort Sam Houston
MS4/US Department of the Air Force

Contact Name: Gerald Johnson Telephone Number: 210-221-4251

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A copy of the annual report was submitted to the TCEQ Region: YES X NO ___ Region the annual report was submitted to: TCEQ Region 13

B. Status of Compliance with the MS4 GP and SWMP

1. Provide information on the status of complying with permit conditions: (TXR040000 Part IV.B.2)

	Yes	No	Explain
Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.	X		JBSA-Fort Sam Houston (JBSA-SAM) has implemented the measurable goals for the BMPs identified in the approved NOI and SWMP. This MS4 Annual Report addresses the SWMP dated April 2020.
Permittee is currently in compliance with recordkeeping and reporting requirements.	X		JBSA-SAM maintains compliance with all required recordkeeping and reporting requirements.

	Yes	No	Explain
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	X		JB SA-SAM meets the permit eligibility requirements. JB SA-SAM is neither in the Edwards Aquifer (EA) Recharge Zone nor the EA Contributing Zone, therefore is not subject to EA limitations.
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	X		JB SA-SAM conducted an annual review of the SWMP in conjunction with preparation of the annual report and documented the review.

2. Provide a general assessment of the appropriateness of the selected BMPs. You may use the table below to meet this requirement (see **Example 1 in instructions**):

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1, PEO-1	The Hazardous Waste Program Manager provides hazardous waste generator training at least annually and performs quarterly inspections of satellite accumulation points.	Yes. Conducting training and performing inspections actively promotes pollution prevention through environmental awareness.
1, PEO-2	Provide stormwater awareness materials to new installation housing occupants as part of the Resident Guide.	Yes. The informational brochure describes stormwater, types of stormwater pollutants, and activities new base personnel can take to protect water resources.
1, PEO-3	Publish one stormwater/water quality related newspaper article per year.	Yes. Publishing an article in the base newspaper (JB SA Legacy) helps to inform base personnel and residents about measures to prevent stormwater pollution. It is distributed to base residents, base organizations, and at common areas such as the Commissary and Exchange.
1, PEO-4	Privatized Housing Contractor maintains pet waste management policy in the Resident Guide for current housing residents/occupants.	Yes. The pet waste management policy is provided to housing residents and makes them aware of preventative measures to protect water resources.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1, PEO-5	Incorporate sediment, erosion, and illicit discharge awareness into stormwater training program and provide training to SWPPT members at least annually.	Yes. Annual stormwater training educates JBSA personnel and promotes pollution prevention and stormwater awareness.
1, PEO-6	Place SWMP and MS4 Annual Reports on JBSA-SAM environmental website.	Yes. These documents are available at https://www.jbsa.mil/Resources/Environmental/ for public view.
1, PEO-7	Maintain environmental hotline phone number and document hotline calls and actions taken.	Yes. The environmental hotline provides a venue for the public to immediately notify JBSA of any potential environmental issues for awareness and resolution.
1, PEO-8	Maintain storm drain decals.	Yes. Storm drain decals provide a heightened sense of stormwater awareness throughout the community.
1, PEO-9	Conduct one community outreach event per year to promote environmental stewardship.	Yes. Conducting community outreach events actively promotes environmental stewardship by bringing awareness through booths, displays, and other outreach materials.
1, PEO-10	Perform annual review/update to the JBSA standard design and construction specifications pertaining to hazardous waste and stormwater management.	Yes. The standard design and construction specifications include specific environmental protection requirements that address stormwater pollution prevention and require contractors to submit an Environmental Protection Plan for review and approval.
1, PEO-11	Provide annual sediment, erosion, and stormwater awareness training to facility managers.	Yes. This training educates facility managers and promotes pollution prevention and stormwater awareness.
1, PEO-12	Perform at least one installation-wide cleanup day per year.	Yes. Collecting trash and debris results in prevention of adverse effects on aquatic life and water quality in the surrounding water bodies.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1, PEO-13	Stormwater message on installation marquees.	Yes. The marquees provide a heightened sense of stormwater awareness throughout the community.
1, PEO-14	Provide annual stormwater and manure management awareness training to horse stable manager.	Yes. This training educates horse stable personnel on pollution prevention and stormwater awareness with an emphasis on manure management.
2, IDDE-1	Perform annual review/update to storm sewer system map.	Yes. Maintaining an accurate storm sewer system map aids in illicit discharge identification, investigation, and elimination activities, including dry weather screening.
2, IDDE-2	Provide annual illicit discharge detection and elimination training to MS4 Field Staff.	Yes. This training educates MS4 Field staff on the proper methods for recognizing and eliminating illicit discharges.
2, IDDE-3	Conduct annual dry weather screening of all JBSA-SAM MS4 outfalls.	Yes. Dry weather screening helps to identify and eliminate any potential illicit discharges.
2, IDDE-4	Maintain copies of U.S. EPA <i>Illicit Discharge and Elimination Manual for implementing Illicit Discharge Detection and Elimination (IDDE) Procedures</i> .	Yes. This manual provides standardized, approved procedures to identify, investigate, and eliminate illicit discharges.
2, IDDE-5	Document all illicit discharge identification, investigation, and elimination activities.	Yes. Investigation and documentation of all illicit discharges helps to identify the root cause and prevent future illicit discharges.
2, IDDE-6	Perform engineering design review of new construction projects to ensure illicit cross connections are not designed and maintain design review comments with project folders.	Yes. The engineering design review process helps prevent construction of potential illicit cross connections.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
2, IDDE-7	Maintain existing illegal dumping and installation policy non-compliance enforcement procedures and document any enforcement action taken.	Yes. The installation policy non-compliance enforcement procedures ensure there are consequences in place for illegal dumping.
2, IDDE-8	Perform annual inspections to prevent sewage storage tanks from failing and develop a corrective action plan for any failing systems identified.	Yes. These inspections provide a management action plan for the identification and correction of any failing sewage storage tanks.
3, CON-1	Conduct inspections of all active CGP permitted construction sites on JBSA-SAM at least once, and twice per year for construction sites lasting longer than six months.	Yes. Inspections are conducted to monitor construction site BMP effectiveness. Sites are inspected for concrete washout containment, sediment control maintenance, proper hazardous material storage, and other BMPs.
3, CON-2	Provide annual construction stormwater management training to Construction Quality Assurance Evaluators (QAEs).	Yes. Educating construction QAEs on stormwater management helps them to address stormwater issues on construction sites and prevent stormwater pollution.
3, CON-3	Perform annual review/update to the JBSA standard design and construction specifications.	Yes. These specifications are reviewed/updated annually to ensure specific environmental protection requirements are addressed by contractors.
3, CON-4	The NEPA Program Manager will maintain existing environmental review process for Federal Actions to identify projects requiring construction permit coverage. Maintain documentation of all Categorical Exclusions, Environmental Assessments, and Environmental Impact Statements with the project folders.	Yes. This review and document disposition process ensures permit requirements are identified, enforced, and records are maintained.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
3, CON-5	The Civil Engineer Squadron Engineering Flight will maintain existing design review process to identify and assess construction stormwater management issues prior to construction. Maintain design review comments with the project folders.	Yes. This process ensures water quality personnel (and personnel from other environmental compliance areas) review all construction projects on JBSA-SAM.
3, CON-6	Maintain existing construction site SWPPP review and comment procedures.	Yes. This review and document disposition process ensures CGP requirements are identified, enforced, and records are maintained.
3, CON-7	The JBSA Water Quality Program Manager will inspect the use and maintenance of controls to prevent erosion and sediment runoff at construction sites.	Yes. The inspection process will help to identify any deficiencies and will ensure proper controls are utilized at all construction sites.
4, PC-1	The NEPA Program Manager will maintain the existing environmental review process for proposed Federal Actions and incorporate post-construction stormwater BMP guidance in initial project stages. Maintain completed Air Force Forms 332, 813, 1391 and EAs/EISs with the project folders.	Yes. This review and document disposition process ensures permit requirements are identified, enforced, and records are maintained.
4, PC-2	The Civil Engineer Squadron Engineering Flight will maintain the existing design review process and the Water Quality Program Manager will provide guidance for post-construction stormwater BMPs.	Yes. This process ensures post-construction stormwater BMPs are implemented and managed accordingly.
4, PC-3	Maintain inventory and perform visual inspection of post-construction BMPs at least annually.	Yes. This review and inspection process ensures all post-construction structural BMPs are maintained.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
4, PC-4	Perform annual review/update of JBSA standard design and construction specifications. Maintain documentation of annual review and comments provided to contracting agent.	Yes. The specifications require contractors to provide engineering plans, technical/product specifications, and Operation and Maintenance manuals for all stormwater management structures.
4, PC-5	Include <i>Air Force Civil Engineer Center Engineering Technical Letter (ETL) 14-1: Stormwater Construction Standards and Unified Facilities Criteria (UFC) 3-210-10 Low Impact Development</i> in design and construction contracts. Review and update standard design and construction specifications at least annually and maintain documentation of annual review and comments.	Yes. These specifications are reviewed and updated annually, to ensure specific environmental protection requirements are addressed by contractors.
4, PC-6	The Civil Engineer Squadron Engineering Flight and the Water Quality Program Manager will meet at least annually to review current and future construction projects and evaluate compliance with post-construction BMPs.	Yes. This process ensures post-construction stormwater BMPs are implemented and managed accordingly.
4, PC-7	Perform annual review/update to the municipal stormwater management control goals in the JBSA Design Guide.	Yes. These specifications are reviewed and updated annually, to ensure specific environmental protection requirements are addressed by contractors.
4, PC-8	Conduct annual inspections of structural BMPs for development and redevelopment projects to ensure their maintenance and operation.	Yes. This review and inspection process ensures all post-construction structural BMPs are maintained.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
4, PC-9	Document and maintain records for a minimum of 3 years for all construction sites.	Yes. Documenting and maintaining records is critical for ensuring regulatory compliance.
5, P2-1	Conduct annual evaluation of industrial sites for compliance with MSGP and SWPPP and document annual evaluation.	Yes. An annual Comprehensive Site Compliance Inspection (CSCI) is conducted to ensure MSGP and SWPPP compliance.
5, P2-2	Provide annual stormwater training to MS4 Field Staff and maintain attendance roster.	Yes. This training promotes pollution prevention and stormwater awareness.
5, P2-3	Perform at least 10 hours of street sweeping per month and maintain log of hours spent street sweeping.	Yes. Street sweeping prevents debris and sediment from entering storm drains.
5, P2-4	Perform annual inspection of municipal storage areas and document inspection, areas of improvement, and corrective actions.	Yes. This inspection provides an opportunity to identify potential pollution sources and aids in the identification, investigation, and elimination of illicit discharges.
5, P2-5	The Recycling Program Manager will distribute information regarding the base recycling program and maintain copies of information provided to base populace.	Yes. Information on recycling is provided to the base populace during community outreach events. This information raises awareness about pollution prevention practices to protect water resources.
5, P2-6	Maintain copy of Integrated Solid Waste Management Plan.	Yes. This plan provides standardized, approved management procedures for solid waste JBSA-wide.
5, P2-7	Maintain copy of Integrated Pest Management Plan.	Yes. This plan provides standardized, approved procedures for pest management JBSA-wide.
5, P2-8	Conduct annual targeted training of golf course maintenance and grounds maintenance personnel and maintain attendance roster.	Yes. This training promotes pollution prevention and stormwater awareness for golf course and grounds maintenance activities that may contribute to stormwater pollution.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
5, P2-9	Maintain JBSA-SAM Spill Prevention, Control, and Countermeasures (SPCC) Plan.	Yes. This plan provides standardized, approved procedures for spill prevention, control and countermeasures.
5, P2-10	Conduct horse stable inspections.	Yes. This inspection provides the opportunity to identify potential pollutant sources and aids in the identification, investigation, and elimination of illicit discharges.
5, P2-11	Annual bacteria TMDL progress assessment.	Yes. This assessment ensures bacteria is not being discharged to stormwater and adversely affecting water quality.
5, P2-12	Review/update Permittee-Owned Facilities and Control Inventory annually.	Yes. The review/update of the Permittee-Owned Facilities and Control Inventory helps to evaluate and identify new areas that may require BMPs.
5, P2-13	Evaluate O&M Activities for potential discharge of pollutants and perform annual review/update to standard design and construction specifications.	Yes. The process ensures BMPs are in place to reduce sediment discharge and erosion and prevent discharge. The annual review/update of standard design and construction specifications ensure specific environmental protection requirements are addressed by contractors.

3. Describe progress towards achieving the goal of reducing the discharge of pollutants to the MEP. If no progress was made or the BMP did not result in a reduction in pollutants, provide an explanation. Use the table below to meet this requirement (see **Example 2 in instructions**):

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1	PEO-1 Hazardous Waste Generator Training	Training	100	Personnel Trained (JBSA-wide)	No. However, satellite accumulation point managers will be more aware of preventing illicit discharges, resulting in the reduction of pollutants.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1	PEO-2 Stormwater Awareness Materials	Welcome Packets	100	Brochures (JBSA-wide)	No. However, educating the base housing occupants will eventually contribute to reducing pollutants.
1	PEO-3 Newspaper Article	Newspaper Article	1	Newspaper Article (JBSA-wide)	No. However, educating the base population on various environmental pollutants will lead to a future reduction in pollution.
1	PEO-4 Pet Waste Management Policy	Welcome Packets	100	Brochures (JBSA-wide)	No. However, educating the base housing occupants will eventually contribute to reducing pollutants.
1	PEO-5 SWPPT Member Training	Training	36	Personnel Trained (JBSA-wide)	Yes. Personnel will be more aware of pollution prevention practices and illicit discharge procedures. If illicit discharges are observed, action can be taken to identify and resolve the source.
1	PEO-6 SWMP and MS4 Annual Report Access	SWMP and MS4 Annual Report	1	SWMP/MS4 Annual Report on Website	No. However, providing the SWMP and MS4 Annual Report will educate base personnel and eventually contribute to reducing pollutants.
1	PEO-7 Environmental Hotline	Phone Calls	0	Calls Received (JBSA-wide)	Yes. When potential pollution sources are identified, they are investigated and eliminated.
1	PEO-8 Maintain Storm Drain Decals	Storm Drain Decals	610	Inspections	No. Storm drain decals provide a heightened sense of stormwater awareness throughout the community.
1	PEO-9 Community Outreach Event	Community Outreach	1	Event (JBSA-wide)	No. Educating base personnel will eventually reduce pollution through public awareness.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1	PEO-10 Review Contract Specifications	Contract Specifications	1	Review (JBSA-wide)	No. Contract specifications obligate contractors to properly manage, store, and dispose of hazardous waste and comply with stormwater requirements.
1	PEO-11 Facility Manager Training	Training	23	Personnel Trained (JBSA-wide)	Yes. Facility managers will be more aware of pollution prevention practices and illicit discharge procedures. If illicit discharges are observed, action can be taken to identify and eliminate the source.
1	PEO-12 Installation-Wide Cleanup Day	Cleanup Day	3	Events (JBSA-wide)	Yes. Picking up litter and debris around facilities, in parking lots, and drainage areas will directly reduce pollutants.
1	PEO-13 Stormwater Message on Installation Marquees	Stormwater Message	0	Message on Installation Marquee	No. Stormwater messages on the installation marquee have been highly successful in actively promoting environmental stewardship by bringing awareness to military and civilians at JBSA.
1	PEO-14 Horse Stable Manure Management Awareness Training	Training	1	Personnel Trained	Yes. This training has been highly successful in educating horse stable staff and thus reduces release of manure.
2	IDDE-1 Storm Sewer System Map	Maps	1	Review	No. A current storm sewer system map will aid in illicit discharge investigations, so effective action can be taken to eliminate the source.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
2	IDDE-2 MS4 Field Staff Training	Training	16	Personnel Trained (JBSA-wide)	Yes. Educating MS4 Field Staff (Water Quality and CEO Infrastructure Staff) will increase awareness of pollution prevention practices and illicit discharge procedures. If illicit discharges are observed, action can be taken to identify and eliminate the source.
2	IDDE-3 Dry Weather Screening	Outfalls	15	Inspections	Yes. Dry weather screening aids in illicit discharge detection and allows any observed illicit discharges to be quickly eliminated.
2	IDDE-4 IDDE Procedures	US EPA Manual	1	Manual (JBSA-wide)	No. This manual provides standardized, approved procedures for the MS4 Field Staff (Water Quality and CEO Infrastructure Staff) to identify, investigate, and eliminate illicit discharges
2	IDDE-5 IDDE Documentation	Investigation Documentation	2	Discharge Investigations	No. Although this BMP is documentation and review, any identified trends of illicit discharges can be identified to remove the root cause.
2	IDDE-6 Engineering Design Review	Construction Projects	73	Reviews	No. The project reviews will provide JBSA personnel the opportunity to identify and prevent construction of illicit cross connections.
2	IDDE-7 Maintain Illegal Dumping Policy	Housing Lease Agreement, JBSA Leadership	0	Enforcement Actions	No. These enforcement procedures ensure there are consequences in place for non-compliant actions.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
2	IDDE-8 Sewage Holding Tanks	Sewage Holding Tanks	0	Failing Systems	Yes. Inspecting sewage holding tanks helps to identify failing systems, thus ensuring the illicit discharge is detected and eliminated.
3	CON-1 CGP Inspections	Construction Sites	2	Inspections	Yes. Inspecting construction sites ensures BMPs are in place to reduce sediment discharge and erosion
3	CON-2 Construction QAE Stormwater Management Training	Training	100%	Personnel Trained (JBSA-wide)	Yes. Providing construction QAE personnel with training will make them aware of CGP and SWPPP requirements. If illicit discharges are observed, action can be taken to identify and eliminate the source.
3	CON-3 Review Standard Design and Construction Specifications	Specifications	1	Review (JBSA-wide)	No. The design and construction specifications compel contractors to comply with stormwater requirements.
3	CON-4 NEPA Environmental Review Process	Environmental Impact Analysis Program	977	Reviews (JBSA-wide)	No. NEPA reviews provide JBSA personnel the opportunity to identify required permits and necessary BMPs for construction.
3	CON-5 Design Review Process	Construction Plans	100%	Reviews (JBSA-wide)	No. The design review of construction plans will ensure JBSA personnel are provided the opportunity to evaluate planned BMPs to reduce sediment discharge and erosion prior to construction.
3	CON-6 CGP SWPPP Reviews	Construction Sites with CGP Coverage	2	Reviews	Yes. The review of the CGP required SWPPPs will ensure JBSA personnel are provided the opportunity to evaluate planned BMPs to reduce sediment discharge and erosion prior to construction.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
3	CON-7 Inspection and Maintenance of Stormwater Controls	Construction Sites with CGP Coverage	2	Inspections	Yes. The inspections ensure CGP requirements are identified and enforced with regards to erosion and sediment controls.
4	PC-1 NEPA Review Process	Projects	977	Reviews (JBSA-wide)	No. NEPA reviews provide JBSA personnel the opportunity to identify and ensure permanent post-construction BMPs are utilized, reducing pollutants.
4	PC-2 Design Review Process	Projects	100%	Reviews (JBSA-wide)	No. The design review process provide JBSA personnel the opportunity to identify and ensure permanent post-construction BMPs are utilized, reducing pollutants.
4	PC-3 Inspection and Maintenance of Post-Construction BMPs	BMP Inventory	16	Inspections	Yes. The inspection and maintenance of post-construction BMPs will ensure sediment discharge and erosion does not occur.
4	PC-4 Review Standard Design and Construction Specifications	Specifications	3	Reviews (JBSA-wide)	No. Standard design and construction specifications compel contractors to comply with post-construction BMP requirements.
4	PC-5 Review Standard Design and Construction Specifications	Specifications, ETL, and UFC Guidelines	3	Review (JBSA-wide)	No. Ensuring the ETL and UFC guidance are included in the Design and Construction Specifications ensures post-construction BMPs are implemented and maintained.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
4	PC-6 Review Current and Future Development and Redevelopment Projects	Projects	32	Reviews (JBSA-wide)	No. Reviewing current and future development and redevelopment projects will help ensure post-construction BMPs are utilized.
4	PC-7 Review Installation Design Guide	Installation Design Guide	3	Reviews (JBSA-wide)	Yes. Reviewing the Installation Design Guide to ensure municipal stormwater management controls goals are incorporated, will help to ensure post-construction BMPs are implemented.
4	PC-8 Maintain/Operate Structural Controls and BMPs	Construction Sites	2	Inspections	Yes. The inspection/maintenance of structural controls and post-construction BMPs will ensure unauthorized discharges and erosion do not occur.
4	PC-9 Document and Maintain Records	Construction Plans/Projects	100%	Record Reviews	No. Maintaining document control over this process is critical for ensuring regulatory compliance.
5	P2-1 Industrial Site Evaluations	MSGP, SWPPP	50	Inspections	Yes. Inspecting industrial sites during the annual CSCI ensures BMPs are in place to reduce sediment discharge and erosion and prevent discharge of pollutants.
5	P2-2 MS4 Field Staff Training	Training	16	Personnel Trained (JBSA-wide)	Yes. MS4 Field Staff (Water Quality and CEO Infrastructure Staff) will be more aware of pollution prevention practices and illicit discharge procedures. If illicit discharges are observed, action can be taken to identify and eliminate the source.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
5	P2-3 Street Sweeping	Curbed Streets	120	Hours	Yes. Street sweeping leaves, grass clippings, and cigarette butts prevents them from entering storm drains.
5	P2-4 Municipal Area Inspections	MS4, SWMP	1	Inspection	Yes. Annually inspecting municipal areas, ensures BMPs are in place to reduce sediment discharge and erosion and prevent pollutant discharge.
5	P2-5 Base Recycling Program Awareness	Outreach	1	Event	No. Educating the base population on various environmental pollutants will lead to pollution reduction in the future.
5	P2-6 Integrated Solid Waste Management Plan	Plan	1	Review (JBSA-wide)	No. Ensuring the most current solid waste management policies and procedures are in place will lead to pollution reduction in the future.
5	P2-7 Integrated Pest Management Plan	Plan	1	Review (JBSA-wide)	No. Ensuring the most current pest management policies and procedures are in place will lead to pollution reduction in the future.
5	P2-8 Golf Course/Grounds Maintenance Training	Training	2	Personnel Trained	Yes. Personnel will be more aware of pollution prevention practices and illicit discharge procedures. If illicit discharges are observed, action can be taken to identify and eliminate the source.
5	P2-9 Spill Prevention, Control, and Countermeasures (SPCC) Plan	Plan	1	Review	No. Ensuring the most current SPCC policies and procedures are in place will lead to pollution reduction in the future.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
5	P2-10 Horse Stable Inspection	MS4, SWMP	2	Inspections	Yes. Inspecting the horse stables help to educate personnel and ensure manure management BMPs are being implemented.
5	P2-11 Annual Bacteria TDML Program Assessment	MS4, SWMP	1	Review	Yes. Annual bacteria TMDL Progress Assessment will help to ensure BMPs are in place to protect water quality from bacteria.
5	P2-12 Permittee-Owned Facility and Control Inventory	Real Property Inventory, Stormwater Control Inventory	1	Review	No. Reviewing facility and stormwater control helps to identify new municipal and industrial areas that may require BMPs to prevent pollutant/sediment discharge and/or erosion.
5	P2-13 Evaluate O&M Activities for Potential to Discharge Pollutants	Design and Construction Specifications	1	Review	Yes. The annual review/update of standard design and construction specifications ensure specific environmental protection requirements are addressed by contractors.

4. Provide the measurable goals for each of the MCMs, and an evaluation of the success of the implementation of the measurable goals (see **Example 3 in instructions**):

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
1, PEO-1	Provide training at least annually to 100% of satellite accumulation point managers and perform quarterly inspections of satellite accumulation points.	Met goal – Trained 100 hazardous waste management personnel and satellite accumulation point managers and performed quarterly inspections.
1, PEO-2	Provide stormwater awareness information as part of the housing Resident Guides, to 100% of new residents.	Met goal – Provided 100 brochures to housing office for distribution (JBSA-wide).

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
1, PEO-3	Publish one stormwater protection related article per year.	Met goal – Published one article in base newspaper (JBSA Legacy) and on JBSA website on 26 September 2024 (JBSA-wide).
1, PEO-4	Maintain copy of the Resident Guide for current housing residents.	Met goal – Pet waste awareness brochures are available for base newcomers at the housing office and the Resident Guide is maintained for current housing residents.
1, PEO-5	Provide training at least annually to 100% of SWPPT members.	Met goal – Trained 36 personnel (JBSA-wide).
1, PEO-6	Place SWMP and MS4 Annual Reports on JBSA.mil.	Met goal – These documents are available at https://www.jbsa.mil/Resources/Environmental/ for public view.
1, PEO-7	Maintain hotline phone number and document 100% of calls and actions taken.	Met goal – Maintained Environmental Hotline and addressed/documentated all phone calls (JBSA-wide).
1, PEO-8	Maintain storm drain decals on 50% of storm drain inlets and document locations of new and replaced decals.	Met goal – Inspected/maintained 610 storm drain decals and maintained documentation.
1, PEO-9	Conduct one community outreach event per year to promote environmental stewardship. Provide number of stormwater related outreach materials distributed.	Met goal – Held Earth Day 2024 events in April across JBSA. A total of 8 volunteers worked approximately 9 manhours and distributed 25 stormwater brochures.
1, PEO-10	Review and update JBSA standard design and construction specifications. Maintain documentation of annual review and 100% of comments provided to contracting agents.	Met goal – Design and construction specifications have been updated and are provided to contractors prior to contract award. Documentation is maintained (JBSA-wide).

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
1, PEO-11	1. Review and update Facility Manager Training Program to include sediment, erosion, and stormwater awareness training. 2. Provide training at least once per year to 100% of facility managers and maintain attendance record.	Met goal – Reviewed/updated training program. Trained 23 facility managers on stormwater pollution prevention and maintained documentation (JBSA-wide).
1, PEO-12	Perform annual installation wide clean-up. Document date of clean-up day and number of participants.	Met goal – Held installation-wide cleanup days from May 6-10 2024 and October 21-25, 2024.
1, PEO-13	At least once per year, advertise stormwater awareness message on installation marquee and document dates and message.	Did not meet goal – Installation marquee was out of service for all of 2024.
1, PEO-14	Provide annual stormwater and Manure Management Awareness training to horse stable manager and document number of staff trained.	Met goal – The horse stable manager was provided annual stormwater and manure management awareness training and documentation was maintained.
2, IDDE-1	Conduct annual review of the MS4 map and make required updates.	Met goal – Reviewed/updated MS4 map.
2, IDDE-2	Conduct annual training of 100% of MS4 Field Staff concerning illicit discharge detection and elimination.	Met goal – Trained 16 personnel (JBSA-wide).
2, IDDE-3	Conduct annual dry weather screening of all MS4 outfalls.	Met goal – Conducted annual dry weather screening at 15 MS4 outfalls.
2, IDDE-4	Maintain copies of US EPA Illicit Discharge Detection and Elimination Manual.	Met goal – Manual is maintained electronically (JBSA-wide).

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
2, IDDE-5	1. Document all illicit discharge identification, investigation, and elimination activities. Report sanitary sewer overflows to Water Quality Program Manager. 2. Annually review sanitary sewer overflows and evaluate trends.	Met goal – Documented 2 IDDE activities and reviewed sanitary sewer overflows and evaluated trends.
2, IDDE-6	Follow design review process and maintain 100% of comments with project folders.	Met goal – Conducted 73 project design reviews and maintained all comments with project folders.
2, IDDE-7	Document all reported discharges and enforcement actions taken.	Met goal – All reported discharges and enforcement actions taken were documented.
2, IDDE-8	Prevent sewage holding tanks at JBSA-SAM from failing. Document annual inspections of all systems and corrective action plan for any failing systems identified.	Met goal – There are currently no sewage holding tanks failing and documentation of all inspections/corrective actions are maintained.
3, CON-1	Perform inspection of all active CGP permitted construction sites on JBSA-SAM at least once or twice per year, as required.	Met goal – Conducted 2 construction site inspections.
3, CON-2	Ensure annual training of all Construction QAEs and maintain training materials and attendance roster.	Met goal – Trained construction QAE personnel and continued to distribute Stormwater Management Handbook for Construction Operators on base. Training was held on 23 April 2024. The handbook identifies TPDES CGP TXR150000 requirements, steps to produce a SWPPP, and review required as the MS4 operator. The handbook also recommends several BMPs such as sediment controls and good housekeeping measures. Documentation is maintained (JBSA-wide).

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
3, CON-3	Perform annual review of standard design and construction specifications. Maintain documentation of annual review and 100% of comments provided to contracting agents.	Met goal – Design and construction specifications have been updated and are provided to contractors prior to contract award. Documentation is maintained (JBSA-wide).
3, CON-4	Maintain 100% of completed Air Force Form 332, 813, 1391 and Environmental Assessments/Environmental Impact Statements with project folders.	Met goal – Reviewed 977 projects to identify projects requiring construction permit coverage and maintained documentation (JBSA-wide).
3, CON-5	Maintain 100% of design review comments with project folders.	Met goal – Reviewed 100% of projects to identify projects requiring construction permit coverage and maintained documentation (JBSA-wide).
3, CON-6	Document 100% of SWPPP reviews and comments.	Met goal – Reviewed 2 CGP SWPPPs and maintained documentation.
3, CON-7	Visually inspect 100% of the construction sites to ensure installation and maintenance of controls.	Met goal – Performed 2 construction site inspections to ensure controls are in place and functioning properly.
4, PC-1	Maintain 100% of completed Air Force Form 332, 813, 1391 and Environmental Assessments/Environmental Impact Statements with project folders.	Met goal – Reviewed 977 projects to identify projects potentially requiring post-construction stormwater BMPs. Maintained documentation (JBSA-wide).
4, PC-2	Maintain 100% of design review comments with project folders.	Met goal – Reviewed 100% of projects to identify projects potentially requiring post-construction stormwater BMPs and maintained comments (JBSA-wide).

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
4, PC-3	<p>1. Perform annual review and update of the structural post-construction BMP inventory.</p> <p>2. Perform visual inspection of 100% of postconstruction BMPs at least annually.</p> <p>3. Initiate BMP maintenance based on inspection results and document dates when maintenance is accomplished.</p>	Met goal – Performed annual inspection/maintenance of the JBSA-SAM structural post-construction BMPs and reviewed/updated inventory. Maintained documentation.
4, PC-4	Perform annual review of standard design and construction specifications. Maintain documentation of annual review and 100% of comments provided to contracting agents.	Met goal – Design and construction specifications have been updated and are provided to contractors prior to contract award. Maintained documentation (JBSA-wide).
4, PC-5	Perform annual review of standard design and construction specifications to ensure DoD and Air Force guidelines for post-construction stormwater controls are met, including ETL and UFC guidelines. Maintain documentation of annual review and 100% of comments provided to contracting agents.	Met goal – Design and construction specifications have been updated and are provided to contractors prior to contract award. Maintained documentation (JBSA-wide).
4, PC-6	The Water Quality Program Manager and Program Flight Chief will meet at least annually to discuss upcoming development and redevelopment projects to identify post-construction stormwater BMP implementation.	Met goal – The Water Quality Program Manager and Program Flight Chief reviewed 32 development and redevelopment projects to identify post-construction stormwater BMP implementation.
4, PC-7	Review municipal stormwater management control goals in the JBSA Design Guide. Maintain copy of updated Design Guide.	Met goal – These specifications are reviewed and updated for all JBSA locations annually to ensure specific environmental protection requirements are addressed by the contractor.
4, PC-8	Conduct visual inspections at 100% of development and redevelopment construction sites to ensure effectiveness of structural BMPs.	Met goal – Inspected 2 construction sites to ensure effectiveness of structural BMPs.

MCM(s)	Measurable Goal(s)	<p>Explain progress toward goal or how goal was achieved.</p> <p>If goal was not accomplished, please explain.</p>
4, PC-9	The Water Quality Manager will conduct records review to ensure all documentation is available for at least 3 years after the termination of coverage.	Met goal – Construction contractors have applicable TCEQ-GCP documentation available for review upon JBSA request and documentation is maintained for at least 3 years.
5, P2-1	Document annual evaluation of 100% of industrial areas.	Met goal – Conducted annual CSCI in November 2024.
5, P2-2	Conduct training at least once per year for 100% of MS4 Field Staff and maintain attendance roster.	Met goal – Trained 16 MS4 Field Staff (Water Quality and CEO Infrastructure Staff) and maintained documentation (JBSA-wide).
5, P2-3	Perform at least 10 hours of street sweeping per month. Maintain log of hours spent street sweeping.	Met goal – CEO has dedicated street sweeper operating daily and a log is maintained.
5, P2-4	Document 100% of annual inspections, areas of improvement, and corrective actions. Follow-up on 100% of complaints with an inspection to ensure corrective actions implemented by responsible party.	Met goal – During the CSCIs, the municipal storage areas are inspected and areas of improvement/corrective actions are recorded. These areas of improvement are discussed with the facility managers to correct the issues.
5, P2-5	Maintain copies of 100% of information provided to base populace. 100% of installation residents, commercial facilities, and industrial areas will receive information materials about recycling. All waste in the MS4 will be properly disposed of.	Met goal – Participated in outreach event and maintained documentation.
5, P2-6	Maintain copy of Integrated Solid Waste Management Plan and update as necessary.	Met goal – Copy of plan is maintained and reviewed/updated (JBSA-wide).
5, P2-7	Maintain copy of Integrated Pest Management Plan and update as necessary. Maintain records of chemical usage on installation.	Met goal – Copy of plan is maintained and reviewed/updated (JBSA-wide). Records of chemical usage are maintained.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
5, P2-8	Conduct annual training for 100% of Golf Course Maintenance and Grounds Maintenance staff and maintain attendance roster.	Met goal – Provided training to 2 Golf Course Maintenance and Grounds Maintenance personnel and maintained documentation.
5, P2-9	Maintain copy of current Spill Prevention, Control, and Countermeasure Plan and update as necessary.	Met goal – Copy of plan in maintained and reviewed/updated.
5, P2-10	Document 100% of annual inspection, areas of improvement, and corrective actions taken.	Met goal – The Equestrian Center and the US Army Caisson Platoon were inspected on 20 November 2024 and documentation was maintained.
5, P2-11	Perform and document 100% of annual TMDL progress assessment.	Met goal – TMDL assessments are performed and documented under the regulatory requirements of the TCEQ's MSGP.
5, P2-12	Document annual review and 100% of updates to the Permittee-Owned Facility and Control Inventory.	Met goal – Annual and quarterly inspections are conducted, documented, and the reports are maintained for the Permittee-Owned Facilities to ensure compliance with the MSGP and SWPPP.
5, P2-13	Perform annual review of standard design and construction specifications and update, if necessary. Maintain documentation of annual review and 100% of comments provided to contracting agents.	Met goal – Performed annual review/update to standard design and construction specifications. The environmental review/inspection process is coordinated with applicable operations personnel. Design specifications are reviewed by JB SA during the pre-construction submittal phase and documentation is maintained.

C. Stormwater Data Summary

Provide a summary of all information used, including any lab results (if sampling was conducted) to assess the success of the SWMP at reducing the discharge of pollutants to the MEP. For example, did the MS4 conduct visual inspections, clean the inlets, look for illicit discharge, clean streets, look for flow during dry weather, etc.?

Pollutant	Permit Limit (mg/L)	FSH1 (mg/L)	FSH6 (mg/L)
Arsenic	0.3	<0.010	<0.050
Barium	4.0	0.050	0.645
Cadmium	0.2	<0.005	<0.025
Chromium	5.0	<0.010	<0.050
Copper	2.0	<0.010	<0.050
Lead	1.5	0.011	0.330
Manganese	3.0	0.061	0.740
Mercury	0.01	<0.0002	<0.0002
Nickel	3.0	<0.010	<0.050
Selenium	0.2	<0.010	<0.050
Silver	0.2	<0.005	<0.025
Zinc	6.0	0.074	0.570
Visible Pollutants	N/A	Solids	Solids

D. Impaired Waterbodies

1. Identify whether an impaired water within the permitted area was added to the latest EPA-approved 303(d) list or the Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d). List any newly-identified impaired waters below by including the name of the water body and the cause of impairment.

No newly-identified impaired waters within the permitted area were added to the latest EPA-approved 303(d) list or the Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d).

2. If applicable, explain below any activities taken to address the discharge to impaired waterbodies, including any sampling results and a summary of the small MS4's BMPs used to address the pollutant of concern.

N/A

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

Salado Creek has an approved TMDL for dissolved oxygen and bacteria. The Upper San Antonio River has an approved TMDL for bacteria. Pet waste management policies and horse stable training focused on manure management BMPs are utilized.

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

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

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

Benchmark Parameter	Selected BMP	Contribution to achieving Benchmark
N/A	N/A	N/A

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

Description of bacteria-focused BMP	Comments/Discussion
N/A	N/A

7. Assess the progress to determine BMP's effectiveness in achieving the benchmark.

For example, the MS4 may use the following benchmark indicators:

- number of sources identified or eliminated;
- number of illegal dumpings;
- increase in illegal dumping reported;
- number of educational opportunities conducted;
- reductions in sanitary sewer flows (SSOs); /or
- increase in illegal discharge detection through dry screening.

Benchmark Indicator	Description/Comments
N/A	N/A

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	Stormwater Activity	Description/Comments
1, PEO-1	Information on the MS4 Operator's Website	Website	<p>The JBSA SWMP and MS4 Annual Reports will be uploaded to the website NLT 30 days after the NOI/NOC approval and due date, respectively.</p> <p>At least annually, all links shall be checked and the page updated as needed.</p>
1, PEO-2	Maintain/Mark Storm Drains and Inlets with, "No Dumping – Drains to Creek" or Similar Message	Storm Drain Decals	Placard, stencil, or paint a minimum of 10% of all known SW inlets in high-impact areas. Maintain storm drain decals on 15% of all storm water inlets.
1, PEO-3	Media/Advertising Campaign/Public Service Announcements in Areas of High Visibility	<p>Brochures</p> <p>Message on Marquee</p> <p>Advertisement/Campaign</p>	<p>Provide stormwater awareness brochures to the MHO for distribution to new residences.</p> <p>At least twice per year, advertise stormwater awareness message on installation marquee and document dates and message.</p> <p>At least twice a year, develop and post an advertisement/campaign at a high visibility location at the installation.</p>
1, PEO-4	Publish Articles in Local Newspaper or Newsletter, May be Electronic	Newspaper/ Newsletter Articles	Publish two stormwater protection related articles per year.

MCM(s)	BMP	Stormwater Activity	Description/Comments
2, PIP-1	Stream/Lake/Watershed Cleanup Events	Cleanup Events	At least annually, JBSA Water Quality Program Managers will assist/support the organization of an Earth Day Event, Basura Bash, JBSA Beautification Week, or another applicable cleanup event. The Water Quality Program Managers will provide dates of events assisted/supported and the number of volunteers in the MS4 Annual Report each year.
2, PIP-2	Stormwater Survey	Survey	At least annually, a stormwater survey will be sent out to one or more of JBSA's target audience groups requesting input on the program.
2, PIP-3	Educational Display/Booth	Display/Booth	At least annually, the Water Quality Program Managers will create a display and/or staff a booth at a school, public event, or similar event that provides information to improve public understanding of issues related to water quality.
3, IDDE-1	Maintain a Current and Accurate MS4 Map	MS4 Map	At least annually, the MS4 Map will be reviewed and updated as needed, to include features which have been added, removed, or changed.
3, IDDE-2	Provide Training for all MS4 Field Staff	Training	At least annually, training will be provided for MS4 Field Staff. Maintain records of attendees.
3, IDDE-3	Maintain and Facilitate a Public Reporting Method	Environmental Hotline	Publicize Environmental Hotline numbers on public website (JBSA.mil) 100% of the time during the permit term. Develop and implement a tracking system to estimate what percentage of the audience is reached for determining BMP effectiveness.
3, IDDE-4	Develop and Maintain Procedures for Responding to Illicit Discharges, Illegal Dumping, and Spills	Review/Update IDDE Procedures	At least annually, review IDDE procedures to address changes and make improvements to procedures when necessary.

MCM(s)	BMP	Stormwater Activity	Description/Comments
3, IDDE-5	Source Investigation and Elimination of Illicit Discharges and Illegal Dumping	Review/Update IDDE Procedures IDDE Investigations Dry Weather Screening	<p>At least annually, review procedures of the IDDE Program and update, if necessary.</p> <p>Respond to 100% of any reported illicit discharges and illegal dumping incidents each year to investigate the source. JBSA will document number of illicit discharge and illegal dumping investigations/inspections in the MS4 Annual Report each year.</p> <p>At least annually, JBSA Water Quality Program Managers will conduct dry weather screens of each MS4 outfall.</p>
3, IDDE-6	Corrective Action to Eliminate Illicit Discharges and Illegal Dumping	Notification Inspections and Documentation Reviews and Documentation	<p>The responsible party will be notified within 24 hours for 100% of illicit discharges or illegal dumping where a source has been determined.</p> <p>All illicit discharge identification, investigations, and elimination activities will be documented. Inspections will be conducted in response to complaints and follow-up inspections will be conducted to ensure corrective actions have been completed by the responsible party. The number of complaints received by the JBSA Water Quality Program Managers will be reported in the MS4 Annual Report each year.</p> <p>At least annually, review sanitary sewer overflows to evaluate trends. If trends in locations, maintenance, or other trends are identified, the MS4 Field Staff will coordinate the development of an improvement plan. Document the sanitary sewer overflow trend review and improvement plan, if needed.</p>

MCM(s)	BMP	Stormwater Activity	Description/Comments
3, IDDE-7	Inspection Procedures	Review/Update Inspection Procedures	At least annually, inspection procedures will be reviewed and updated, as needed, to address changes and make improvements where applicable.
3, IDDE-8	Inspections in Response to Complaints	Inspections and Documentation	<p>JBSA Water Quality Program Managers will conduct an inspection in response to 100% of complaints received. JBSA will document the number of complaints received in the MS4 Annual Report each year.</p> <p>JBSA Water Quality Program Managers will conduct follow-up inspections in response to 100% of cases each year, where necessary, as defined in the JBSA established procedures.</p>
3, IDDE-9	Inspections for Sewage Holding Tanks	Inspections	At least annually, JBSA Water Quality Program Managers will conduct visual inspections of JBSA Sewage holding tanks.
4, CON-1	Develop and Maintain an Ordinance or Other Regulatory Mechanism	Review/Update Specifications	At least annually, JBSA Water Quality Program Managers will review the Environmental Specification 01 57 20 and update to address changes and make improvements where applicable.
4, CON-2	Prohibit Discharges	Review/Update Specifications	JBSA Water Quality Program Managers will review and update the JBSA Environmental Specification 01 57 20 to address any changes and make improvements where applicable.

MCM(s)	BMP	Stormwater Activity	Description/Comments
4, CON-3	Maintain and Implement Site Plan Review Procedures	Reviews and Documentation	<p>Air Force 813 and 1391, Categorical Exclusions (CATEXs), Environmental Assessments, and Environmental Impact Statements will be maintained by the EIAP Managers and in Project Managers project folders.</p> <p>Design review comments will be maintained in the JBSA Environmental Files and Project Managers project folder.</p> <p>SWP3 review comments will be maintained in the JBSA Water Quality Shared File and in the Project Managers project folder.</p> <p>JBSA Water Quality Program Managers will evaluate review processes at least annually and update, as necessary, to address changes and make improvements where applicable.</p>
4, CON-4	Implement Procedures for Inspecting Large and Small Construction Projects	Review/Update Procedures	At least annually, review construction site inspection procedures and update, as needed, to address changes and make improvements where applicable.
4, CON-5	Conduct Construction Site Inspections	Inspections	At least annually, JBSA Water Quality Program Managers will perform inspections of active JBSA construction sites disturbing greater than one acre of soil and regulated by the CGP. The number of sites inspected and number and names of construction sites requiring action will be documented. Corrective action reports will be submitted to the Environmental Section Chief, Deputy Civil Engineer, and Contracting Officers. Additional inspections will be conducted as result of complaints received, observed non-compliances, or by request.

MCM(s)	BMP	Stormwater Activity	Description/Comments
4, CON-6	Develop, Implement, and Maintain Procedures for Receipt and Consideration of Info Submitted by the Public	Environmental Hotline	The Environmental Hotline numbers are publicized on the JBSA public website, JBSA.mil, throughout the permit term and JBSA Water Quality Program Manager emails are advertised in Water Quality outreach and training materials
4, CON-7	Conduct Training for All MS4 Staff Whose Primary Job Duties are Related to Implementing the Construction Stormwater Program	Training	JBSA Water Quality Program Managers will provide construction site stormwater training for Project Managers and QAEs at least annually and maintain training materials and roster of attendance.
5, PC-1	Develop and Maintain an Ordinance or Other Regulatory Mechanism	Review Specifications	JBSA Water Quality Program Managers perform, at least annually, a review of the JBSA Environmental Specification 01 57 20 and maintains documentation of the annual review.
5, PC-2	Document and Maintain Records of Enforcement Actions and Make Them Available for Review by TCEQ	Documentation	Document the number of enforcement actions elevated to through leadership on the Annual Report.
5, PC-3	Ensure the Long-Term Operation and Maintenance of Structural Stormwater Control Measures	Review/Update Inventory Inspections Maintenance and Documentation	<p>At least annually, the structural PC BMPs inventory will be reviewed and updated if necessary.</p> <p>At least annually, JBSA Water Quality Program Managers will conduct visual inspections of PC BMPs. Inspections will be conducted in response to complaints and follow-up inspections to ensure corrective actions have been taken.</p> <p>JBSA Water Quality Program Managers will initiate BMP maintenance activities based on inspection results and document dates when maintenance has been completed.</p>

MCM(s)	BMP	Stormwater Activity	Description/Comments
6, P2-1	Inventory of Permittee-owned Facilities and Stormwater Controls.	Maintain Inventory	Develop and maintain an inventory for 100% of the MS4 owned and operated facilities and stormwater controls in the area. At least annually review and update the inventory to address changes or additions.
6, P2-2	Training and Education.	Training Review/Update Specifications	At least annually, provide training for 100% of MS4 Field Staff involved in implementing pollution prevention and good housekeeping practices. Maintain training attendance list. Environmental Specification 01 57 20 will be reviewed/updated at least annually to address language for implementing JBSA MS4 pollution prevention and good housekeeping practices.
6, P2-3	Disposal of Waste Material IAW 30 TAC 330 and 335	Review/Update ISWMP	Maintain copy of Integrated Solid Waste Management Plan (ISWMP), update as necessary. JBSA will document the date of review in the MS4 Annual Report.
6, P2-4	Contractor Requirements and Oversight	Review/Update Specifications Develop/Implement Procedures	At least annually, review JBSA's Environmental Specification 01 57 20 and update as needed to address changes or improve stormwater control measures, good housekeeping practices, and facility-specific stormwater management operating procedures. JBSA will document the date of review in the MS4 Annual Report. Develop and implement oversight procedures to ensure JBSA personnel and contractors are using appropriate control measures and standard operating procedures. Records will be maintained on-site in the event TCEQ requests their review.
6, P2-5	Assessment of Permittee-Owned Operations	Assessment	At least annually, evaluate 100% of O&M activities for their potential to discharge pollutants in stormwater.

MCM(s)	BMP	Stormwater Activity	Description/Comments
6, P2-6	Identify Pollutants of Concern	Review/Update List of Pollutants	<p>Maintain a list identifying pollutants of concern that could be discharged from all O&M activities described in MS4 Permit Part IV.D.6(b)(5)(6).</p> <p>At least annually, review pollutants of concern list and address changes or additions to the O&M activities.</p>
6, P2-7	Pollution Prevention Measures	Implement P2 Measures	<p>Develop and implement a set of pollution prevention measures to reduce the discharge of pollutants in SW from the permittee-owned operations. Implement the following pollution prevention measures :</p> <ul style="list-style-type: none"> • Replace at least 50% of the MS4's materials and chemicals with more environmentally friendly materials or methods by the end of the permit term. • Use suspended tarps, booms, or vacuums to capture paint, solvents, rust, paint chips and other pollutants during 80% of regular bridge maintenance each year.
6, P2-8	Inspection of Pollution Prevention Measures	<p>Inspections</p> <p>Review/Update Procedures</p>	<p>At least annually, visually inspect 100% of pollution prevention measures implemented at permittee-owned facilities to ensure they are properly working. Maintain documentation of annual inspections and make available for review by TCEQ within 24 hours of a request.</p> <p>Develop written procedures that describe the inspection frequency and how inspections will be conducted. At least annually, review inspection procedures and address changes as needed.</p>

MCM(s)	BMP	Stormwater Activity	Description/Comments
6, P2-9	Structural Control Maintenance	Review/Update Procedures Inspections, Documentation, and Maintenance	At least annually, review and update the maintenance procedures to address changes or additions to the pollution prevention measures. At least annually, JBSA will inspect each structural control, documenting the condition, and submit a service request for any structural control in need of maintenance or repair. At least annually, perform maintenance of 100% of the structural controls in need of maintenance. JBSA will report the number of structural control inspections in the MS4 Annual Report.

F. SWMP Modifications

1. The SWMP and MCM implementation procedures are reviewed each year.

☒ Yes ☐ No

2. Changes have been made or are proposed to the SWMP since the NOI or the last annual report, including changes in response to TCEQ's review.

☐ Yes ☒ No

If "Yes," report on changes made to measurable goals and BMPs:

MCM(s)	Measurable Goal(s) or BMP(s)	Implemented or Proposed Changes (Submit NOC as needed)
N/A	N/A	N/A

Note: If changes include additions or substitutions of BMPs, include a written analysis explaining why the original BMP is ineffective or not feasible, and why the replacement BMP is expected to achieve the goals of the original BMP.

3. Explain additional changes or proposed changes not previously mentioned (i.e. dates, contacts, procedures, annexation of land, etc.).

G. Additional BMPs for TMDLs and I-Plans

Provide a description and schedule for implementation of additional BMPs that may be necessary, based on monitoring results, to ensure compliance with applicable TMDLs and implementation plans.

BMP	Description	Implementation Schedule (start date, etc.)	Status/Completion Date (completed, in progress, not started)
N/A	N/A	N/A	N/A

H. Additional Information

1. Is the permittee relying on another entity to satisfy any permit obligations?

☐ Yes ☒ No

If "Yes," provide the name(s) of other entities and an explanation of their responsibilities (add more spaces or pages if needed).

Name and Explanation:

Name and Explanation:

Name and Explanation:

Name and Explanation:

2.a. Is the permittee part of a group sharing a SWMP with other entities?

☐ Yes ☒ No

2.b. If "yes," is this a system-wide annual report including information for all permittees?

☐ Yes ☐ No

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

Authorization Number: _____

Permittee: _____

Authorization Number: _____

Permittee: _____

Authorization Number: _____

Permittee: _____

Authorization Number: _____

Permittee: _____

I. Construction Activities

1. The number of construction activities that occurred in the jurisdictional area of the MS4 (Large and Small Site Notices submitted by construction site operators):

2

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

☐ Yes ☒ No

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

The number of municipal construction activities authorized under this general permit	
N/A	N/A

Note: Though the seventh MCM is optional, implementation must be requested on the NOI or on a NOC and approved by the TCEQ.

J. Certification

If this is this a system-wide annual report including information for all permittees, each permittee shall sign and certify the annual report in accordance with 30 TAC §305.128 (relating to Signatories to Reports).

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name (printed): Keith Kellner, PE Title: Director, 802d Civil Engineer Squadron

Signature: 

Date: 3 Mar 25

Name of MS4: Joint Base San Antonio-Fort Sam Houston MS4

If you have questions on how to fill out this form or about the Stormwater Permitting program, please contact us at 512-239-4671.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512-239-3282.