UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
http://www.epa.gov/npdes/npdes-stormwater-program

STORMWATER ANNUAL REPORT FORM

This form is for regulated small MS4s (Municipal Separate Storm Sewer Systems) and may be used to meet the annual reporting requirements for regulated small MS4s as outlined in 40 CFR 122.34g(3). While it is not required for MS4 operators to use this form to meet federal regulations, MS4s are encouraged to use this format to allow for more efficient record keeping and to minimize paper consumption.

PLEASE NOTE: this form may not include all offthe information required to be submitted in your annual report.. Please review your MS4 permit to ensure all required information is reported. Include supplemental pages to this form if needed..

Completed forms should be emailed to:

Email: maybach.amy@epa.gov

AND/OR mailed to:

Amy Maybach
EPA Region 8 Stormwater Coordinator
Mailcode: 8WD-CWW
1595 Wynkoop Street
Denver, CO 80202-1129 02-1129

All sections of this form must be completed and Item I on Page 18 must be signed and certified..

Please print or type

A. Permittee Information

Permittee: **Fort Carson**

Mailing Address: **1626 Evans Street, Building 1219**

City, State and Zip Code: **Fort Carson, CO 80913-4000**

Contact Phone Number: **719-725-8073**

Permit Certification Number: **COR042001**

Have any areas been added to the MS4 due to annexation or other legal means? No

B. Reporting Period: Jan 1, 2025, to Dec. 31, 2025

C. Construction Program Contact:

The following information will be provided on EPA's web site to assist construction site operators in determining municipality-specific requirements for their projects:

Have you assigned an appropriate contact person/work unit to address questions regarding your municipality's construction and post-construction requirements? Yes

If Yes:

Contact name: **Andrew Rippe**
Position/work group title: **Stormwater Program Manager**
Contact phone number: **719-725-8073**
Contact E-mail address: andrew.s.rippe.civ@army.mil

If a web site has been created with information on complying with your municipality's construction and/or post-construction requirements, list the address:

Fort Carson DPW Stormwater information: https://home.army.mil/carson/Directorate/directorate-public-works/stormw

D. Implementation of EPA's Stormwater Management Program

The purpose of the annual report is to report on the status of your implementation of the permit requirements, including compliance with the standard of reducing the discharge of pollutants from your MS4 to the Maximum Extent Practicable (MEP). Address each of the following items for **each** of the six program areas:

1. Public education and outreach on stormwater impacts;
2. Illicit Discharge detection and elimination
3. Construction site stormwater runoff control;
4. Post-construction stormwater management in new development and redevelopment;
5. Pollution prevention/good housekeeping for municipal operations
6. Public Participation/Involvement

As the permittee, you must collect and maintain adequate information to demonstrate implementation of the six program areas as per your stormwater management program. Note that although the annual report only requires the submittal of certain information as outlined below, additional information may be requested by EPA to audit the implementation of your stormwater management program. For example, construction site inspection reports, outreach materials, and records of maintenance activities performed may be requested by EPA in addition to the annual report.

If another entity does not have its own permit but is instead covered under your permit, the annual report information under Section D of this form must also be provided for each such entity.

1. Public Education and Outreach on Stormwater Impacts

Provide the status of any measurable goal scheduled for completion during the reporting period or for which activities have begun. For program elements started, but not completed, any milestones that have been met must be indicated. If a change will be proposed to a BMP or measurable goal as part of the annual report, this must be stated and the proposed changes discussed. For each change proposed, you must provide information on:

1. The BMP/measurable goal for which a change is proposed;
2. Any proposed changes to the BMP description;
3. Any proposed changes to the measurable goals (including specific dates and measures); and
4. The rationale for the proposed changes.

Describe any measurable goal(s) for public education and outreach on stormwater impacts for the reporting period; including dates and numeric measures:

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	**Changes proposed to BMP and/or Measurable Goal?** (Yes/ No). If yes, provide information on proposed changes and rationale.
2.2.1 - Define target audiences to be reached by the Public Education and Outreach Program which include at a minimum but are not limited to grounds maintenance personnel, facility managers, non-staff residents, contract managers, workers engaging in industrial activities, and food service personnel. The program must provide education and outreach about the impacts of stormwater discharges on local water bodies and the steps that can be taken to reduce pollutants in stormwater runoff.	Fort Carson approaches Education and Outreach through several initiatives: Environmental Protection Officer (EPO) course, Construction SW Training, Earth Day, other initiatives outlined in section 2.3. The EPO course is offered on a bi-monthly basis to soldiers and civilians who are responsible for compliance at the installation's motor pools and maintenance facilities. (EPO Course Slides- (Attachment #1) Rosters contain CUI/Sensitive information. Redacted copies are available upon request. Additionally, the stormwater program conducts a Construction Stormwater Training Course 2-3 times a year. (Attachment #2). This course is offered to contractors, operators and installation staff who work on projects that have NPDES Permit coverage. The full course slide deck is available upon request.	Yes. Annual revision and updates to the training materials reflecting current stormwater topics and issues.

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	**Changes proposed to BMP and/or Measurable Goal?** (Yes/No). If yes, provide information on proposed changes and rationale.
2.2.2 - At a minimum, disseminate informational material to the defined target audiences on both the general water quality goals of the Permit and provide education specific to the target audiences defined in Part 2.2.1	Fort Carson has several methods to disseminate information to the public. The EPO course is given quarterly and Construction Stormwater is offered quarterly and as needed for new soldiers: 1. The Fort Carson Stormwater Brochure (Attachment #3) is provided to EPO and Construction Stormwater class attendees, as well as to attendees of outreach programs. 2. Stormwater pollution prevention posters (Attachment #4) are displayed at all MSGP industrial sites, Motor Pools, Access Gates and other locations with pollution potential. 3. The Fort Carson Resident's Guide (Attachment #5) provides information for protecting water quality in the installation housing areas. 4. The Fort Carson Stormwater Program web page provides valuable information for residents as well as contractors who operate under the Construction General Permit (CGP). https://home.army.mil/carson/Directorate/directorate-public-works/stormw	Yes. Training materials and targeted audiences are continuously updated
2.2.3 - Provide and document annual training to building managers, maintenance workers, and tenants on how to minimize, report, and recognize spills and illicit discharges. This training may be incorporated into a larger program to educate tenants and building managers related to environmental compliance or environmental awareness.	Training that focuses on illicit discharges and spill response is accomplished during the EPO and Construction Site Stormwater Training. Maintenance training is provided on an as needed basis for the installation service contractor. As part of a E&O requirement in the MSGP, training is also given to all staff that conduct operations at Fort Carson's 5 industrial facilities. On top of the scheduled training that is offered, Fort Carson's Environmental Compliance Assessment Team (ECAT) provides on demand training for soldiers and staff who operate with potential pollutants.	Yes. Training materials and targeted audiences are continuously updated

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	**Changes proposed to BMP and/or Measurable Goal?** (Yes/No). If yes, provide information on proposed changes and rationale.
2.2.4 - Provide and document the grounds contractors or other parties responsible for pesticide and herbicide application with training related to the requirements for NPDES permitting and chemical disposal and stormwater runoff at least once during the effective term of this Permit or within one year of beginning a new contract, whichever is sooner	Fort Carson provides training to both the installation maintenance contractor as well as the residential housing areas. This training outlines the uses of fertilizers and pesticides and the potential for water quality impacts if improperly used.	No. Training is based on new permit regulations and will not be altered this year
2.2.5 - Nutrients: As part of their public education program, the Permittee must specifically address the reduction of water quality impacts associated with nitrogen and phosphorus in discharges from the MS4. This program component must address both nitrogen and phosphorus.	Fort Carson provides training to both the installation maintenance contractor as well as the residential housing areas. This training outlines the uses of nutrients relate to nitrogen and phosphorus and the potential for water quality impacts if improperly used.	No. Training is based on new permit regulations and will not be altered this year
2.2.6 - The annual report and SWMP (See Part 4.2) must document the following information related to public education and outreach: 2.2.6.1 A schedule for meeting the requirements in Parts 2.2.1.-2.2.5; 2.2.6.2 A description of the target audiences from Part 2.2.1; 2.2.6.3 A copy or representation of public outreach materials provided to the target audience(s); 2.2.6.4 The name or title of the person(s) responsible for coordination and implementation of the stormwater public education and outreach program	A copy of the SWMP can be found on the Fort Carson Stormwater Web Page at https://home.army.mil/carson/Directorate/directorate-public-works/stormw Targeted audiences cover a range of individuals from residents, soldiers, contractors, facility managers, installation maintenance staff and industrial site operators. Outreach materials can be found in the attachments at the end of this report. Fort Carson's Stormwater Program is coordinated and implemented by the Stormwater Program Manager, Andrew Rippe. Various MS4 and MSGP tasks are supported through external contract agreements. These tasks include, but are not limited to, outfall sampling, CGP and MSGP quarterly inspections and IDDE reports.	No

Public Education and Outreach on Stormwater Impacts (continued)

Narrative description. Provide any descriptions which may further describe the implementation of this minimum measure. Such narrative may include descriptions of efforts which overlap several minimum measures or descriptions of documents or programs which have been created in an effort to implement this minimum measure:

During the 2025 permit year, various PE&O training courses and events were conducted on Fort Carson. The Stormwater Program Manager was responsible for the coordination and implementation of the PE&O program. During 2025, the stormwater program conducted outreach using direct and indirect measures with a goal to target active-duty soldiers, their families, and all federal and contracted employees operating on post.

Quarterly held EPO Courses and Construction Stormwater Trainings were held in classrooms located in the Fort Carson DPW office. During these times, informational brochures were distributed to all attendees. LID O&M manuals and the "BMPs for Winter Maintenance Guide documents were distributed to Fort Carson's maintenance contractors. Facebook posts were used as indirect outreach to pass along vital information regarding pollution prevention. The P2 Quarterly Newsletter was distributed digitally through several sources on the Mountain Post. Metrics regarding Dates, Course Rosters, Information Distribution, and copies of all outreach materials can be found in the Appendix of this report.

Fort Carson's Stormwater Program is coordinated and implemented by the Stormwater Program Manager, Andrew Rippe. Various MS4 and MSGP tasks are supported through external contract agreements. These tasks include, but are not limited to, outfall sampling, CGP and MSGP quarterly inspections and IDDE reports.

2. Illicit Discharge Detection and Elimination

Provide the status of any measurable goal scheduled for completion during the reporting period or for which activities have begun. For program elements started, but not completed, any milestones that have been met must be indicated. If a change will be proposed to the BMP or measurable goal as part of the annual report, this must be stated and the proposed changes discussed. For each change proposed, you must provide information on:

1. The BMP/Measurable goal for which a change is proposed;
2. Any proposed changes to the BMP description;
3. Any proposed changes to the measurable goals (including specific dates and measures); and
4. The rationale for the proposed changes.

Describe detection and elimination for the reporting period; including dates and numeric measures:

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	**Changes proposed to BMP and/or Measurable Goal?** (Yes/No). If yes, provide information on proposed changes and rationale.
2.3.1 - Implement a program to detect and eliminate illicit discharges into its MS4. The program shall include procedures for detection, tracing and identification of sources, and removal of non-stormwater discharges from the storm sewer system. This program shall address dry weather discharges and illegal dumping into the storm sewer system and include training for staff on how to respond to reports of illicit discharges.	The FC Stormwater Program conducts an annual Illicit Discharge and Qualitative Assessment Report. This report is a survey that analyzes the primary drainages of Fort Carson by walking the entire length of the drainages from furthest point upstream to where the drainage exits FC. This survey is conducted during dry weather to identify, trace and implement remediation of potential illicit discharges. Training on Illicit Discharge response and reporting is covered during the EPO Course, the Facility Management Course and the Construction Stormwater Training	Yes, the format of the report has changed to be more streamlined
2.3.2 - Maintain and implement an enforcement policy which effectively prohibits, through ordinance or other regulatory or contractual mechanism available under the legal authorities of the MS4, non-stormwater discharges into the storm sewer system and implement appropriate enforcement procedures and actions. The enforcement policy shall include a description of the range of actions to be taken by the Permittee in response to an illicit discharge.	Fort Carson uses GC Policy #17 to address non-stormwater discharges. This policy requires installation staff, housing tenants, construction activities, contracting offices and contractors to comply with SWMP requirements that address elimination of illicit discharges, construction site runoff control and post-construction site runoff control. This policy addresses potential sanctions for violations and may include, but are not limited to: • Contract Payment Withholding • Indemnification of Government Costs • Contract termination • Stop-work orders GC Policy #17 is reviewed annually and updated as needed.	No

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	Changes proposed to BMP and/or Measurable Goal? Yes/ No). If yes, provide information on proposed changes and rationale
2.3.3 - Provide a mechanism for reporting illicit discharges to the Permittee and disseminate this mechanism (e.g., phone number, email address, etc.) on any outreach materials as appropriate. For each of the illicit discharges identified by the target audience or the Permittee, the Permittee shall document a brief description that outlines how that illicit discharge was identified, and the procedures taken to characterize and/or eliminate the illicit discharge.	Illicit Discharges are reported by the public through the Environmental division Spill Line at (719) 526-8073. The FC Stormwater program Webpage provides an email address for reporting as well. IDs identified in the Annual assessment report are described and given a priority number (1-3). Newly reported IDs are investigated within 48 hours and procedures to identify and eliminate the sources begin immediately.	No
2.3.4 - Provide emergency spill contact information to all building managers, project managers, and tenants.	Spill response and contact information is provided throughout FC using the following methods: •Spill response posters w/ QR code to Spill Report Template •Contractors must provide spill plans w/ emergency contact information in the site SWPPP and/or Env. Protection Plan. •FC Stormwater Web page provides information on illicit discharges and how to report them •Facility Managers Course provides pertinent information on emergency spill response	No

2. Illicit Discharge Detection and Elimination

Provide the status of any measurable goal scheduled for completion during the reporting period or for which activities have begun. For program elements started, but not completed, any milestones that have been met must be indicated. If a change will be proposed to the BMP or measurable goal as part of the annual report, this must be stated and the proposed changes discussed. For each change proposed, you must provide information on:

1. The BMP/Measurable goal for which a change is proposed;
2. Any proposed changes to the BMP description;
3. Any proposed changes to the measurable goals (including specific dates and measures); and
4. The rationale for the proposed changes.

Describe any measurable goal(s) for illicit discharge detection and elimination for the reporting period; including dates and numeric measures:

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	Changes proposed to BMP and/or Measurable Goal? Yes/No). If yes, provide information on proposed changes and rationale.
2.3.5 - Investigate any illicit discharge within two (2) business days of its detection and take action to eliminate the source of the discharge within forty-five (45) business days of its detection (or obtain permission from the delegated EPA official for such longer periods as may be necessary in particular instances). If illicit discharges can be determined through sampling and analysis to be allowable non-stormwater discharges as defined in Part 1.4.2 of the Permit (e.g., uncontaminated groundwater, foundation drains), then elimination of the source of the discharge may not be appropriate.	Inspect illicit discharge within 2 days of detection. Inspection may include field testing or field investigation using maps to trace the storm sewer line up gradient to identify the source of the discharge. Take actions to eliminate the source of the discharge within 45 days of detection. These actions are specific to the discharge and the source. If a particular instance does not allow Fort Carson to comply with this timeframe, the USEPA will be notified to request permission for an extension. Illicit Discharges deemed suspect for the potential of pollutants are screened for pH, Nitrates, Nitrites and Phosphate using field test strips.	No
2.3.6 - Maintain an information management system which tracks dry weather screening efforts, illicit discharge reports, enforcement actions, and the location and any remediation efforts to address identified illicit discharges.	Fort Carson has separate information management systems for these instances: • Dry weather screening is tracked through the IDDE Survey • Illicit Discharges are tracked through a spreadsheet found on the Fort Carson Server Enforcements are addressed individually per site specific instance	No

2. Illicit Discharge Detection and Elimination

Provide the status of any measurable goal scheduled for completion during the reporting period or for which activities have begun. For program elements started, but not completed, any milestones that have been met must be indicated. If a change will be proposed to the BMP or measurable goal as part of the annual report, this must be stated and the proposed changes discussed. For each change proposed, you must provide information on:

1. The BMP/Measurable goal for which a change is proposed;
2. Any proposed changes to the BMP description;
3. Any proposed changes to the measurable goals (including specific dates and measures); and
4. The rationale for the proposed changes.

Describe any measurable goal(s) for illicit discharge detection and elimination for the reporting period; including dates and numeric measures:

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	Changes proposed to BMP and/or Measurable Goal? Yes/No). If yes, provide information on proposed changes and rationale.
2.3.7 - Conduct dry weather screening annually at each or the major outfalls for the presence of non-stormwater discharges and to determine if there are significant erosion issues which need to be addressed. If an illicit discharge is detected, an assessment of that discharge shall be made. The assessment should first be used to determine the source of the dry weather discharge and if it can be readily remedied (e.g., landscape watering). Field sampling should be used when it is not possible to eliminate a dry weather discharge.	The FC Stormwater Program conducts an annual Illicit Discharge and Qualitative Assessment Report. This report is a dry weather screening that analyzes the primary drainages of Fort Carson by walking the entire length of the drainages from furthest point upstream to where the drainage exits FC. Each drainage system is visually assessed for illicit discharges, erosional features, bank stability, sedimentation issues, and infrastructure and maintenance practices. This survey is conducted during dry weather to identify, trace and implement remediation of potential illicit discharges. Illicit Discharges deemed suspect for the potential of pollutants are screened for pH, Nitrates, Nitrites and Phosphate using field test strips.	No
2.3.8 - Develop and maintain an updated map of the stormwater drainage system within the permitted areas showing the location of all outfalls and the names and location of all waters of the United States that receive discharges from those outfalls.	The FC DPW_GIS department maintains a map of the MS4 permitted areas. This map depicts locations of all stormwater infrastructure to include inlets, outfalls, receiving waters, underground lines and above ground drainage swales/conveyances.	No
2.3.9 - The annual report and SWMP (See Part 4.2) must document the following information related to illicit discharge detection and elimination:	Completed required documentation for the Annual Report as detailed in Section 4.2 and Appendix F of the SWMP.	No

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	**Changes proposed to BMP and/or Measurable Goal?** (Yes/No). If yes, provide information on proposed changes and rationale.
2.3.10 - PFAS Discharge Reduction BMP: Describe in the SWMP practices/measures for immediately cleaning up Aqueous Film Forming Foam (AFFF) anytime it is used, including during emergency firefighting and training activities, as best as possible using diversions and other means to try to prevent discharges to receiving water	Fort Carson has completely eliminated the use of AFFF. All fire suppression and emergency operations have transitioned to MILSPEC foam which does not contain any AFFF. This includes. facility systems, mobile crash trucks, wildfire operations and training	No

Illicit Discharge Detection and Elimination (continued)

Narrative description. Provide any descriptions which may further describe the implementation of this minimum measure. Such narrative may include descriptions of efforts which overlap several minimum measures or descriptions of documents or programs which have been created in an effort to implement this minimum measure:

Fort Carson responded to 32 spills in 2025. Spill reports are kept on an internal server inside the designated stormwater folder. Spill reports are analyzed based on size, location, and circumstances to determine trends and recommend improvements in procedures and best management practices. Prevention procedures and best management practices are communicated to the Fort Carson community through the Environmental Compliance Assistance Team (ECAT), Environment Protection Officer (EPO) training, EPO refresher training and the installations Environmental Quality Control Committee (EQCC).

Fort Carson implements a comprehensive program for identifying and eliminating illicit discharges. Through the Environmental Compliance Assessment Team (ECAT), Education and Outreach trainings, Spill Trackers, the Semi-Annual Water quality Sampling Report, the Illicit Discharge and Qualitative Assessment Report and Annual Dry Weather Monitoring Report, Fort Carson remains compliant with permit requirements outlined in the MS4 permit.

Fort Carson turns to the EPO course as the regulatory mechanism to deter and prohibit illicit discharges. During this course, training is provided on the CWA and the legal ramifications of violating this act.

Through the Illicit Discharge program, the Hazardous Waste Program, and the Pollution Prevention Program categorical descriptions are given to allowable non-stormwater discharges that have the potential to be on Fort Carson. Many of these occur in the housing areas, such as landscape irrigation and individual residential car washing. Control measures are provided though direct and indirect resources, Fort Carson residents receive a quarterly pollution prevention newsletter, The P2 Times (Attachment #6) which highlights various residential sources of pollution and how to prevent them.

As part of the Fort Carson Water Quality Program, an annual sanitary survey assesses evidence of any cross connections between storm and sanitary sewer systems. As part of Fort Carson's ECAT Wastewater/Stormwater Checklist, inspections are conducted to ensure these areas are visually clean and clear of any debris, evidence of spills or foreign smells emitting from the drains. If the survey revealed a possible cross connection, the storm sewer would be immediately traced to find the outfall and assess the potential discharge. The sanitary line would be closed to prevent further contamination. Depending on the severity of the assessment, Fort Carson would report the finding to the EPA. Mitigation and remediation actions following, would be site specific but would include all efforts to contain and divert the sanitary discharge from exiting or traveling further.

Located in the IDDE Qualitative Assessment Report (Attachment #7) is information regarding location and method of dry weather screening. These locations include B-Ditch, Clover Ditch, Infantry Creek, and Rock Creek. Qualified personnel physically inspect the drainages looking for illicit discharge pipes, seeps, or other suspected flows. Fort Carson conducts various types of system investigations including collection system surveys, sanitary sewer inflow and infiltration surveys, and smoke tests. These surveys investigate system connections and functionality; and provide another mechanism for identifying potential illicit discharges and cross connections.

Fort Carson's Stormwater Program is coordinated and implemented by the Stormwater Program Manager, Andrew Rippe. Various MS4 and MSGP tasks are supported through external contract agreements. These tasks include, but are not limited to, outfall sampling, CGP and MSGP quarterly inspections and IDDE reports.

3. Construction Site Stormwater Runoff Control

Provide the status of any measurable goal scheduled for completion during the reporting period or for which activities have begun. For program elements started, but not completed, any milestones that have been met must be indicated. If a change will be proposed to the BMP or measurable goal as part of the annual report, this must be stated and the proposed changes discussed. For each change proposed, you must provide information on:

1. The BMP/Measurable goal for which a change is proposed;
2. Any proposed changes to the BMP description;
3. Any proposed changes to the measurable goals (including specific dates and measures); and
4. The rationale for the proposed changes.

Describe any measurable goal(s) for construction site stormwater runoff control for the reporting period; including dates and numeric measures:

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	**Changes proposed to BMP and/or Measurable Goal?** (Yes/ No). If yes, provide information on proposed changes and rationale.
2.4.1 - Develop, implement, and enforce a program to reduce pollutants in any stormwater runoff to the MS4 from construction activities that result in a land disturbance of greater than or equal to one acre. Reduction of pollutants in stormwater discharges from construction activity disturbing less than one acre must be included in the program if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more.Enforcement to reduce pollutants in stormwater runoff is a multi-faceted approach. The FC SW Program uses the following:	Enforcement to reduce pollutants in stormwater runoff is a multi-faceted approach. The FC SW Program uses the following: • Projects in the planning phases undergo comment periods where the SW program will recommend and discuss permanent control measures and other infrastructure improvements to treat runoff before it leaves the site. •Projects over 1 acre in scope or part of a larger common plan of development must develop a site specific SWPPP that goes through a full review process to ensure proper control measures and good engineering practices are used. •Contractors are required to obtain a Notice of Intent (NOI) through the USEPA. From that point, the project is permitted under the NPDES Construction General Permit (CGP). To comply with the CGP, sites undergo routine inspections carried out by the contractor and more stringent compliance inspections conducted by the FC SW Program every 45 days. •Communication and general over-site are key components of the program. Contractors and contracting representatives are reminded of compliance concerns and procedures relevant to project closeout. on a regular basis. All projects that operate under the CGP require a Notice of Termination (NOT) inspection before it can file for closeout with the USEPA. This final inspection ensures final gradients and stabilization are intact and all permanent control measures are properly installed to reduce pollutants from leaving the site as intended. The SWPPP review form template can be found in (Attachment #8)	No

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	**Changes proposed to BMP and/or Measurable Goal?** (Yes/No). If yes, provide information on proposed changes and rationale.
2.4.2 - Provide and document training to contracting office representatives which perform inspections regarding the maintenance and installation of best management practices (BMPs) for construction stormwater control and the terms of the EPA General Permit for Discharges from Construction Activities.	The FC Stormwater Program holds a Construction Stormwater Training Course (Attachment #2) on a semi-annual basis. Depending on field observations, this course may be offered more than twice a year. This training course is given to all contractors and SWPPP administrators who carry out the required inspection per the CGP. It is also offered to Contracting Officers (COR) and Project Managers (PM) who have roles in overseeing regulatory compliance during construction. This course focuses on managing the site SWPPP and the requirements to effectively comply with the NPDES Construction General Permit (CGP).	Yes. This training presentation is updated frequently.
2.4.3 - Maintain a list of policies and/ or procedures which shall be used to enforce construction site compliance within the Permittee and implement procedures for documenting deficiencies in contract performance based on compliance with construction stormwater regulations.	Enforcement of non-compliance on construction sites is a step-by-step procedural process outlined in the "SOP for CGP Non-compliance" document.(Attachment #9) • Enforcement begins with inspection reports. The reports itemize known deficiencies and allows the contractor up to 7 days to remedy any concerns. • After this time, if corrective actions have not been implemented, the SW Program will issue a Memorandum for Record (MFR) to serve as a second notice of non-compliance. • If the operator does not correct the issues, the Environmental Compliance Division will escalate non-compliance to the Division Chief, at which point, GC Policy #17 (Attachment #10) will be implemented. GC Policy #17 carries potential sanctions for violations that may include but are not limited to: Contract withholding, indemnification of Government costs, Contract termination and Stop-work orders. If all internal compliance mechanisms fail, Fort Carson contacts the USEPA for further guidance and assistance	Yes. All SOP's and policies are reviewed at least once annually

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	**Changes proposed to BMP and/or Measurable Goal?** (Yes/No). If yes, provide information on proposed changes and rationale.
2.4.4 - The program must be developed and implemented to ensure adequate design, implementation, and maintenance of BMPs at construction sites within the MS4 to reduce pollutant discharges and protect water quality and compliance with the EPA General Permit for Discharges from Construction Activities	This assurance process begins with the SWPPP Review. BMP design specifications must cite reputable sources such as the Mile High Flood District or the El Paso County Drainage Criteria Manual. The Stormwater Program personnel are trained and certified to inspect for proper design, implementation and maintenance of BMPs used on construction sites that are permitted under the CGP.	No
2.4.5 - Appropriate control measures must be selected, designed, installed, implemented, and maintained to minimize all potential pollutants, such as but not limited to sediment, construction site waste, trash, discarded building materials, concrete truck washout, chemicals, sanitary waste, and contaminated soils in discharges to the MS4.	All potential SW control measures are reviewed during the SWPPP review process to ensure the practicality and appropriateness of their purpose. The Stormwater Program personnel are trained and certified to inspect for proper design, implementation and maintenance of BMPs used on construction sites that are permitted under the CGP.	No
2.4.6 - Review the site plan for construction activities that result in a land disturbance of greater than or equal to one acre or less than one acre and part of a larger common plan of development or sale that would disturb one acre or more.	Site plans are reviewed by the SW Program a minimum of two times before land disturbing activities commence: • During the NEPA Review • During the SWPPP Review Site plans are also reviewed by engineering personnel and are routinely reviewed as part of the ongoing compliance site inspection frequency.	No
2.4.6.1 – 2.4.6.4 • Initial SWPPP Review • Construction SWPPP Revisions • Routine Inspection • Maintain Inspection records	This range of sections from the 2025 FC MS4 Permit is largely complementary to the requirements outlined in the 2022 Construction General Permit. These MS4 permit requirements are fulfilled during the several layers of the review processes that are conducted throughout the life of a project. For Projects under 1 acre in scope, an Environmental Protection Plan (EPP) is required. This document provides general contact information, guidelines on SW control measures and Spill Response procedures. Whether a project is over or under 1 acre in land disturbance, the SW Program strives to comply with the CGP requirements and section 2.4 of the FC MS4 permit.	No

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	**Changes proposed to BMP and/or Measurable Goal?** (Yes/ No). If yes, provide information on proposed changes and rationale.
2.4.7 - Maintain and utilize a closure process whereby environmental staff or contracting office representatives evaluate whether 70% vegetative cover (or another final stabilization measure described in Parts 2.4.5.4-2.4.5.3) has been met at all areas of the site prior to closing out construction stormwater permits	The SW Program strives to ensure that all projects with land disturbing activities address stabilization before project closeout. Per Construction General Permit section 2.2.14.C, each construction site is required to establish uniform perennial vegetation (or non-vegetative stabilization if applicable) on all areas disturbed by construction activities. Before a project that is permitted under the CGP can file for a Notice of termination (NOT) with the USEPA, the FC Stormwater program conducts a final NOT inspection (Attachment #11). During this inspection, SW personnel evaluate whether 70% native, perennial vegetative cover is presence. A project will not be permitted to close out with fulfilling this criterion.	No
2.4.8 - The annual report and SWMP (See Part 4.2) must document the following information related to construction site stormwater runoff control:	Completed required documentation for the Annual Report as detailed in Section 4.2 and Appendix F of the SWMP.	No

Construction Site Stormwater Runoff Control (continued)

Narrative description. Provide any descriptions which may further describe the implementation of this minimum measure. Such narrative may include descriptions of efforts which overlap several minimum measures or descriptions of documents or programs which have been created in an effort to implement this minimum measure:

Fort Carson's Stormwater Program tracks all regulated construction activity through a Tracking Spreadsheet (Attachment #12). This tracker, records NPDES ID#, Site Locations, POC, SWPPP Administrators, and 45-day Inspection Frequencies.

Fort Carson's Garrison Commander's Policy Letter #17 (Attachment #10), is the installation's construction site stormwater program policy. It applies to all construction activities on the installation requiring the implementation of erosion and sediments control measures, and provides pathways to potential sanctions if applicable. The policy letter is available on the Fort Carson Directorate of Public Works Homepage: https://home.army.mil/carson/Directorate/directorate-public-works/stormw.

Fort Carson's stormwater program uses an SOP for construction site non-compliance (Attachment #9). This memorandum for record outlines the procedures that Fort Carson will follow to ensure compliance during construction. This SOP references the GC Policy #17 and the determination to execute it in the event of willful negligence and/or recalcitrance.

During the 2025 permit year, Fort Carson did not have to escalate enforcement actions by means of sanctions. Construction sites that presented as non-compliant were address through inspection reports and corrective action forms. The issue was resolved in a timely manner and no further regulatory action was needed on the part of Fort Carson.

When new projects are brought online, they undergo the same review processes regardless of the potential scope of work. An initial NEPA review action is implemented to understand the scope of work and identify the need for a SWPPP and a EPA NPDES Notice of Intent (NOI). If a SWPPP is required, the Stormwater Program evaluates it using the SWPPP review form located as (Attachment #8). SWPPP site maps are reviewed for control measure locations and compared against our stormwater infrastructure maps to rule out any potential impacts to water quality.

The Fort Carson MS4 permit, requires that projects under an EPA NPDES permit are inspected on a 45-day frequency utilizing the CGP inspection template located as (Attachment #13). This inspection schedule is maintained using the CGP tracker. During 2025, the Stormwater Program conducted 127 compliance inspections of construction sites. Between inspections, the stormwater program conducts unscheduled and drive-by inspections. As is outlined in the SOP for CGP No-Compliance, the operator will be required to make corrections immediately if feasible or by the COB the following, day if not. Priority is established by evaluating the ongoing potential to effect water quality downstream from said corrective action.

Fort Carson's Stormwater Program is coordinated and implemented by the Stormwater Program Manager, Andrew Rippe. Various MS4 and MSGP tasks are supported through external contract agreements. These tasks include, but are not limited to, outfall sampling, CGP and MSGP inspections and IDDE reports.

4. Post-Construction Stormwater Management in new Development and Redevelopment

Provide the status of any measurable goal scheduled for completion during the reporting period or for which activities have begun. For program elements started, but not completed, any milestones that have been met must be indicated. If a change will be proposed to the BMP or measurable goal as part of the annual report, this must be stated and the proposed changes discussed. For each change proposed, you must provide information on:

1. The BMP/Measurable goal for which a change is proposed;
2. Any proposed changes to the BMP description;
3. Any proposed changes to the measurable goals (including specific dates and measures); and
4. The rationale for the proposed changes.

Describe any measurable goal(s) for post-construction stormwater management in new development and redevelopment for the reporting period; including dates and numeric measures:

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	**Changes proposed to BMP and/or Measurable Goal?** (Yes/ No). If yes, provide information on proposed changes and rationale.
2.5.1 - Include in contracts and requests for funding (e.g., a "prospective package") a requirement to design for and provide funding for the installation of permanent stormwater control measures. This should include a line item for costs associated with the installation and design of permanent stormwater control measures. See 2.5.9.3 Compliance Schedules for existing projects.	The Stormwater Program does not typically have a role in contract generating for new projects. There is standard language that goes into every contract pertaining to site compliance and final stabilization. The Stormwater Program has held meetings and consultations with the contract writing entities on FC. The Army Corps of Engineers and the DPW Division of Engineering are aware of the MS4 Permit requirements.	Yes. The SW program will continue to discuss policy changes with USACE
2.5.2 - As part of the design review process for all new development and redevelopment construction projects disturbing equal to or greater than one acre, including projects less than one acre that are part of a larger common plan of development or sale, review contracts to ensure that they meet the Control Measure Design Standards defined in Part 2.5.9.	Contract language ensures that plans are built to the specifications of the engineered construction plan. Control measures are designed based on current and historical data. Hydraulics and Hydrologic (H&H) Studies along with Manning's equation are used to calculate WQCV for the detention and infiltration of control measures. The stormwater program carries out inspections to assess the installation, implementation and maintenance of the control measure.	Yes. The SW program will continue to discuss policy changes with USACE
2.5.3 - For all new development and redevelopment construction projects which will disturb one acre or greater of land, including projects less than one acre that are part of a larger common plan of development or sale, meet with appropriate city, county, and/ or drainage district staff to discuss recently constructed or proposed new developments within the MS4 and how they may impact the water quality downstream.	The Fort Carson Stormwater Program Manager is a committee member of the Fountain Creek Watershed District's (FCWSD) Technical Advisory Committee (TAC). On a quarterly basis, the Stormwater Program presents an overview of all new developments and redevelopments to the FCWSD.	No

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	**Changes proposed to BMP and/or Measurable Goal?** (Yes/No). If yes, provide information on proposed changes and rationale.
2.5.4 - Within two years of the effective date of this Permit, provide and document training to all planning staff and contracting officers to provide education on stormwater runoff, and to communicate the expectations for meeting the Control Measure Design Standards defined in Part 2.5.9.	Two to three times each permit year, the FC Stormwater Program holds a Construction Stormwater Course which includes but is not limited to, control measures for construction and post construction sites This course is offered to contractors, contracting officers, engineers and other personnel who operate with and around stormwater runoff.	No
2.5.5 - Implement a closeout procedure such that newly installed post-construction stormwater control measures can be cleaned and are in working order as designed prior to closing out contracts.	As part of the closeout procedures for the Stormwater Program, A Notice of Termination (NOT) Inspection is conducted (Attachment #11). During these inspections all temporary control measures must be removed, and any post control measures must be clean of sediment and debris and be operational per their design.	No
2.5.6 - Upon closeout of new construction projects, include maintenance requirements and as-built specifications for newly installed permanent post-construction stormwater control measures into a plan or system which integrates into existing facility management procedures for the Permittee.	New and existing permanent control measures are entered into a GIS layer that is used to maintain an inventory of all facility structures. As-builts are maintained through the Division of Engineering. Maintenance requirements are carried out through various ways of identifying non-compliance: • The Stormwater Program conducts annual inspections of PSCMs • All installation staff can submit service orders FC's installation maintenance contractor conducts internal inspections and routinely services PSCMs	No
2.5.7 - Retain construction as-built designs and maintenance requirements for all Control Measures installed for the purpose of meeting the Control Measure Design Standards defined in Part 2.5.9 and New Development Planning Procedures for Specific Industrial Activities defined in Part 2.5.10 for the life of the Control Measures.	As-built designs are electronically maintained/archived by the Division of Engineering.	No

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	**Changes proposed to BMP and/or Measurable Goal?** (Yes/ No). If yes, provide information on proposed changes and rationale.
2.5.8 - Inspect at a minimum, annually, all Control Measures planned and installed during the Permit term for the purpose of meeting the Control Measure Design Standards defined in Part 2.5.9 and New Development Planning Procedures for Specific Industrial Activities defined in Part 2.5.10 to ensure that they are being maintained in a manner which meets their intended design.	The Fort Carson Stormwater Program tracks the planning and installation of all permanent control measures, low impact development and green infrastructure. The GIS and the stormwater program maintain an active list of permanent control measures. Control measures installed during the permit term will be inspected at a minimum, annually.	No
2.5.9 - Control Measure Design Standards. The Permittee's requirements and oversight must be implemented to address selection, installation, implementation, and maintenance of Control Measures using one of the following design standards: • WQCV Standard • Infiltration Standard • Compliance Schedule	Contract language ensures that plans are built to the specifications of the engineered construction plan. Control measures are designed based on current and historical data. Hydraulics and Hydrologic (H&H) Studies along with Manning's equation are used to calculate WQCV for the detention and infiltration of control measures. The stormwater program carries out inspections to assess the installation, implementation and maintenance of the control measure.	No
2.5.10 - New Development Planning Procedures for Specific Industrial Activities. In addition to the Control Measure Design Standards specified in Part 2.5.9 Control Measures such as oil and grease sand filters, secondary containment structures, and/or segregation of flows around pollutant hot spot areas shall be installed and maintained as practicable to reduce pollutants discharged from: • Retail Gas and Fueling Areas • Restaurants and Food Service Prep Facilities • Automotive Service and Supply Stores Vehicle Maintenance Facilities	Control measure standards to the three listed industries are inspected either through the Pollution Prevention Program Manager and/or the Environmental Compliance Assessment Team (ECAT) After each assessment and/or inspection is complete, the facility managers are notified of the potential finding and given a time frame in which they are required to take corrective actions.	No
2.5.11 - The annual report and SWMP (See Part 4.2) must document the following information related to post-construction site stormwater runoff control:	Complete required documentation for the Annual Report as detailed in Section 4.2 and Appendix F of the SWMP.	No

Post-Construction Stormwater Management in New Development and Redevelopment (continued)

Narrative description. Provide any descriptions which may further describe the implementation of this minimum measure. Such narrative may include descriptions of efforts which overlap several minimum measures or descriptions of documents or programs which have been created in an effort to implement this minimum measure:

During permit year 2025, the Stormwater Program Manager was responsible for the coordination and implementation of the post-construction stormwater management program. When a permanent post-construction stormwater control measure goes on-line, there are procedures in place to ensure the long-term operation and maintenance.

The stormwater program conducts annual inspections of all post-construction stormwater control measures installed during the permit term per the 2025 MS4 Permit. These inspections analyze the components of the water quality structure including but not limited to, full spectrum, energy dissipators, buffers and final outfalls. The PSCM and LID inspection form can be viewed as (Attachment #14)

Fort Carson tracks 176 permanent control measures/ LID features to include bio-retention basins, detention and retention ponds and permeable pavers. LID features are assigned an ID # determined by their watershed and physical location. The LID feature inventory tracker maintains the structures that have been and need to still be inspected for the permit year. When maintenance is needed on a LID feature, a service order is submitted through armymaintenance.com (ArMA) and is assigned to the contracted maintenance organization. The ArMA system tracks the submittal from cradle to grave and notifies the submitter when the action is complete.

Additionally, when a project creates an impervious area larger than 5,000 SF it requires the preparation of the Low Impact Development (LID) Planning and Cost Tool to comply with EISA Section 438. The "Maintaining Hydrology on Army Construction Projects" form must be completed by the LID Designer of Record and submitted to the Contracting Officer and Fort Carson Stormwater Program Office with the final design package. LID information and the cost tool can be found at: https://mrsi.erdc.dren.mil/sustain/cx/lid/

The Integrated Natural Resources Plan (INRMP) does not specifically speak to planning permanent stormwater control measures. When planning for permanent stormwater control measures, the plan of action that Natural Resources uses begins with a WOTUS determination to maintain compliance with all 404 permit requirements. Water quality engineers via DPW and/or USACE make further determinations on the calculations and efficacy of said permanent stormwater control measures.

Fort Carson's Stormwater Program is coordinated and implemented by the Stormwater Program Manager, Andrew Rippe. Various MS4 and MSGP tasks are supported through external contract agreements. These tasks include, but are not limited to, outfall sampling, CGP and MSGP inspections and IDDE reports.

5. Pollution Prevention/Good Housekeeping for Municipal Operations

Provide the status of any measurable goal scheduled for completion during the reporting period or for which activities have begun. For program elements started, but not completed, any milestones that have been met must be indicated. If a change will be proposed to the BMP or measurable goal as part of the annual report, this must be stated and the proposed changes discussed. For each change proposed, you must provide information on:

1. The BMP/Measurable goal for which a change is proposed;
2. Any proposed changes to the BMP description;
3. Any proposed changes to the measurable goals (including specific dates and measures); and
4. The rationale for the proposed changes.

Describe any measurable goal(s) for pollution prevention/good housekeeping for municipal operations for the reporting period; including dates and numeric measures:

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	**Changes proposed to BMP and/or Measurable Goal?** (Yes/ No). If yes, provide information on proposed changes and rationale.
2.6.1 - Maintain and implement an operation and maintenance program that includes an employee training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal-type federal operations. The program must also inform federal employees and contractors of impacts associated with illegal discharges and improper disposal of waste from municipal-type federal operations....	The Fort Carson Stormwater Program conducts training through the Environmental Protection (EPO) Officer Course and through the Construction Stormwater Training. These courses target soldiers operating on the installation in various industrial areas. They also target contractors, contracting officers and facility managers.	No
2.6.2 - Nutrient Source Reductions: The Permittee must develop and implement a municipal-type federal operations program that has the ultimate goal of preventing or reducing nitrogen and phosphorus in stormwater runoff associated with the MS4 Permittee's operations. Written procedures for an operation and maintenance program to prevent or reduce nitrogen and phosphorus in stormwater runoff associated with the MS4 Permittee's operations shall be developed.	Fort Carson has implemented a Nutrient Source Reduction Program. A reduction in nitrogen and phosphorus is achieved through the targeting of sources on the installation. •The Stormwater Program implements mitigation through education and outreach efforts primarily focused on installation housing and grounds maintenance. Handouts (Attachment #15) are distributed to Fort Carson's ground maintenance contractor and residents informing them of proper nitrogen and phosphorus uses/handling •The Natural Resources Branch tracks and regulates herbicide and pesticide usage. They ensure that only a certified contractor applicator is used •The water Quality Program abides by Regulation 83. This regulation aims to protect water quality through effluent limitations for nitrogen and phosphorus for domestic wastewater treatment plants discharging to the state's waters.	Yes. The SW Program will Continue to update its target audiences

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	**Changes proposed to BMP and/or Measurable Goal?** (Yes/ No). If yes, provide information on proposed changes and rationale.
2.6.3 - Conduct and document an annual snow meeting each fall to discuss strategies to prevent the misuse and over-application of chemical deicers.	Fort Carson uses a Service and Maintenance contractor who apply any deicers used on the installation. The Stormwater Program educates the contractor through a Winter Maintenance BMP document (Attachment #16) which discusses the overuse of deicers. This document is presented during internal contractor meetings. The Stormwater Program requires this is done and that the Contracting Officer certifies a form (Attachment #16) stating this was carried out.	No
2.6.4 - Develop and implement a schedule for cleanout of storm sewer inlets in a manner which prevents significant deposition of sediment or other debris to receiving waters and provide data or a description of this schedule and its implementation in the SWMP for the Facility.	Routine maintenance and cleanouts of storm inlets are completed by the installation service contractor, T&H. Along with the Stormwater Program, this contractor maintains over 3000 inlets through routine inspections as well as service order requests that can be submitted by installation staff or residents. The service order report for a complete list of storm inlet repairs and cleanouts is available upon request.	No.

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	**Changes proposed to BMP and/or Measurable Goal?** (Yes/No). If yes, provide information on proposed changes and rationale.
2.6.5 - Install and maintain control measures (structural or non- structural) which reduce the discharge of pollutants in stormwater runoff from electronic component recycling areas, herbicide and pesticide application areas, turf management areas, recycling/material storage areas, fuel storage and transfer areas, deicer storage, lavatory waste transfer/ disposal areas, industrial activities (e.g., welding), food service areas, and loading/unloading areas.	Two types of control measures are used regarding these areas: <u>Non-structural/Administrative</u> • EPO Course (Attachment #1) – instructs participants of proper procedures when using the installation recycling services. • Facility Managers' Course • Information brochures distributed to maintenance contractors operating in the golf course, common grounds and housing • Environmental Battle Book – Quick reference for guidance on the most common environmental concerns units and other organizations on FC face daily. https:// home.army.mil/carson/Directorate/ directorate-public-works/policies-and-training. <u>Structural</u> • Permanent fuel storage tanks are located within secondary containment and are inspected routinely • Military fuel vehicles are parked/stored inside of secondary containment. Spill kits are kept nearby for accidental spillsThe Wastewater Treatment Plant (WWTP) in an industrial permitted site and incorporates a vegetative buffer and inlet protection to downstream inlets	No

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	**Changes proposed to BMP and/or Measurable Goal?** (Yes/No). If yes, provide information on proposed changes and rationale.
2.6.6.1- 2.6.6.2 - Municipal-Type Federal Facility Runoff Control Measures:	This task is primarily accomplished through the Environmental Compliance Assessment Team (ECAT). • The ECAT maintains an inventory of facilities which cover the requirements in 2.6.6 through 2.66.2.1. • The ECAT conducts routine visual inspections and are the eyes on the ground for day-to-day operations in motor pools and other facilities which allow the Stormwater Program to have real time spill response, good housekeeping and training provided. • The ECAT completes a facility assessment form which documents any potential deficiencies. These notes are used to either create service orders or are passed to the Stormwater Program for consultation. Control measures consist of: • Administrative – EPO course, Facility Managers course, • Spill Prevention – SPCC Poster (Attachment #17), Spill Kits • Assessments – Parking lots, Motor Pools, Equipment Storage Yards • Structural – Oil/Water Separators, Catch Vaults, Detention, Rock Check dams, etc. Other programs within the Directorate of Public Works (DPW), Solid Waste and the Installation Maintenance Contractor operate in support of the overall pollution prevention initiative.	No
2.6.7 - Outdoor Bulk Storage: Outdoor bulk storage structures for petroleum products and any other liquid chemicals located at applicable Permittee facilities must have control measures implemented that provide secondary containment or equivalent protection that contains all spills and prevents any spilled material from entering receiving waters.	Installation facilities that house POLs utilize secondary containment in accordance with this requirement. Bulk fuel storage containers have secondary containment as well as a detention for the potential of any unexpected spill. Motor pools utilize containment practices through POL lockers, sump pallets and catch vaults. Mobile refuelers are stored within secondary containment and are equipped with spill response materials when they are in operation.	No

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	**Changes proposed to BMP and/or Measurable Goal?** (Yes/No). If yes, provide information on proposed changes and rationale.
2.6.8 - Municipal-type Federal Facility Operations and Maintenance Procedures: At a minimum, implementation of the procedures must prevent or reduce stormwater pollution from the following operations conducted by the Permittee:	The operations listed in this requirement are conducted with a varying degree of procedure and control measures specific to their purpose.	No
2.6.9 - Provide annual training for public education and outreach for people identified as having fleet maintenance activities in line with the SWMP. Each of the categories of activities referenced in the SWMP should receive stormwater training;	Most vehicles are GSA leased and therefore any maintenance requirements are handled off site by individual manufacturers and dealerships. All of these vehicles have spill response sheets included in their respective booklets. Some of the support vehicles used by the wild-land fire fighters are serviced at the AFSBN Bldg. 8000 & 8200. Training for stormwater pollution prevention is given annually to fleet maintenance personnel through the ECAT.	No
2.6.10 - Implement SOPs for the vehicle maintenance facility, maintenance yard, and operations such as deicing which includes locations of potential pollutant sources and appropriate inspection locations and schedules;	The facilities are operated by different service contractors. Each facility maintains their grounds through their own processes. The DPW and the Stormwater Program provide education and outreach regarding preventing pollutants from entering the MS4.	No
2.6.11 - Implement a schedule for sweeping streets in a manner which prevents significant deposition of sediment or other debris to receiving waters and provide data or a description of this schedule and its implementation in the SWMP for the Facility.	Installation streets have been divided into 5 zones/areas. Streets within each zone are swept on a set day of the week, Monday – Friday. This operation is conducted by the installation maintenance contractor.	No

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	**Changes proposed to BMP and/or Measurable Goal?** (Yes/No). If yes, provide information on proposed changes and rationale.
2.6.12 - Maintain an inspection protocol using new or existing tools for tracking inspections at Facility operations.	The MSGP requires the permittee to conduct routine and visual inspections once per quarter of each sector specific industrial facility. The remaining facility operations that fit the permit description are inspected through the Environmental Compliance Assessment Team (ECAT). • The ECAT maintains an inventory of facilities • The ECAT conducts routine visual inspections and are the eyes on the ground for day-to-day operations in motor pools and other facilities which allow the Stormwater Program to have real time spill response, good housekeeping and training provided. • The ECAT completes a facility assessment form which documents any potential deficiencies. These notes are used to either create service orders or are passed on to the Stormwater Program for consultation.	No
2.6.13 - The annual report and SWMP (See Part 4.2) must document the following information related to pollution prevention and good housekeeping for municipal-type federal facility operations:	Completed required documentation for the Annual Report as detailed in Section 4.2 and Appendix F of the SWMP.	No

Pollution Prevention/Good Housekeeping for Municipal Operations (continued)

Narrative description. Provide any descriptions which may further describe the implementation of this minimum measure. Such narrative may include descriptions of efforts which overlap several minimum measures or descriptions of documents or programs which have been created in an effort to implement this minimum measure:

On Fort Carson, the Pollution Prevention and Good Housekeeping Program is accomplished through different methods. First, the Directorate of Public Works institutes a training program which targets soldiers and employees operating in locations were the potential for pollution is increased. The Environmental Protection Officer (EPO) course is held bi-monthly and covers multiple areas of concern regarding pollution prevention. During the EPO course (Attachment #1), short lectures on topics such as hazardous waste storage, toxins, spill response and pollution prevention are given. Course attendance is trending upward as the leadership element on Fort Carson becomes more aware of the need for proper pollution prevention training and accountability. Soldiers who receive this training return to their assignments and educate the staff around them. Fort Carson has roughly 30,000 personnel assigned to this location and tracking every soldier is often not practical. Course rosters are recorded with every class given. Names and Unit Identification are CUI/Sensitive information. Partially redacted copies are available upon request.

Fort Carson tracks all open and closed style wash racks. Wash rack clean outs are arranged on a “as needed” basis. Prior to any clean out activities, wash rack materials are sampled to determine if they are hazardous or non-hazardous. After a determination is made, the waste disposal organization has personnel remove sediment/sludge/ debris from the rack. For open, "bird bath" style wash racks, they are typically cleaned with front loader, removed material placed in a lined roll-off, and material hauled off site for disposal. For grated, "sand trap" style wash racks, the contractors typically remove material with a vacuum truck. Wash racks are never connected to the MS4 and often get routed to an Oil/Water Separator before entering the sanitary sewer. Several storm sewers throughout Fort Carson have been fitted with "catch basin" that filter storm water by capturing pollutants such as trash and heavy metals before being discharged in the MS4. Catch basins are maintained through a schedule and on an "as needed basis". Every FY, it is a goal to implement more catch basins throughout Fort Carson.

Fort Carson contracts out street sweeping to reduce sediment deposition from entering receiving waters. T&H Services implements a maintenance schedule for street sweeping. T&H also responds to all service orders submitted by Fort Carson personnel. Service orders are tracked using the Army Maintenance (ArMA) online portal. Throughout the permit year, Fort Carson’s Environmental Compliance Assessment Team (ECAT) is assigned to different locations across the MS4 permitted area. The ECAT members spend time with the boots on the ground, especially with those in command roles, at our sites with the potential for pollutants to leave the site. Many times, ECAT will provide on the spot training to soldiers and civilians, and it is not always practical to have a roster of these training engagements.

Every month the Pollution Prevention Program Manager conducts parking lot monitoring at all parking areas used by soldiers residing in housing barracks. (Attachment #18) shows an educational brochure prohibiting oil changes in the installation's parking lots. It details where you can change your oil and dispose of used oil on post. Fort Carson implemented a catch vaults program in motor pools. ECAT monitors these BMPs monthly and after rainfall events and either cleans out any residue and debris or releases sheen and sediment free water to the overall MS4. (Attachment #19) is the GC Policy #6 - Privately Owned Vehicle (POV) Maintenance Policy. This is a memo addressed to owners and operators of POVs which gives guidance on how to properly maintain vehicles and the cleanup requirements pertaining to any leaks and spills. (Attachment #20) is a Brochure for the on-post auto craft center, where residents and personnel can maintain the POVs using industry standard tools and equipment.

Evaluations are performed daily as a secondary initiative to the routine visual assessments made by the ECAT, the Stormwater Program and other DPW Staff. Street Cleaning and Sanding/Salt Operations are performed by a third party contractor. This work is not coordinated through the Stormwater Program. T&H, the third party contractor follows a weekly sweeping schedule and reports directly to the Base Operations Contracting Officer Representative. The stormwater program as well as DPW staff will submit service orders which reinforces the regular schedule and T&H will perform the duties required. The stormwater department does not have a formal tracking mechanism as this work takes place outside of this department. 19 Catch vaults are tracked and visually inspected on a monthly basis. Catch basin clean outs are submitted through ArMA and handled by T&H Services. When catch vault clean out operations are complete, the ECAT is notified and does another visual assessment.

Fort Carson's Stormwater Program is coordinated and implemented by the Stormwater Program Manager, Andrew Rippe. Various MS4 and MSGP tasks are supported through external contract agreements. These tasks include, but are not limited to, outfall sampling, CGP and MSGP inspections and IDDE reports.

6. Public Participation/Involvement

Provide the status of any measurable goal scheduled for completion during the reporting period or for which activities have begun. For program elements started, but not completed, any milestones that have been met must be indicated. If a change will be proposed to the BMP or measurable goal as part of the annual report, this must be stated and the proposed changes discussed. For each change proposed, you must provide information on:

1. The BMP/Measurable goal for which a change is proposed;
2. Any proposed changes to the BMP description;
3. Any proposed changes to the measurable goals (including specific dates and measures); and
4. The rationale for the proposed changes.

Describe any measurable goal(s) for public participation and involvement on stormwater impacts for the reporting period; including dates and numeric measures:

Measurable Goal(s) Including dates and numeric measures, as previously submitted	**Status:** Including dates and numeric measures	**Changes proposed to BMP and/or Measurable Goal?** (Yes/ No). If yes, provide information on proposed changes and rationale.
2.7.1 - The Permittee must implement and document a Public Involvement and Participation process that complies with public notice requirements for actions conducted, when applicable, to comply with this Permit. The following requirements apply:	The Stormwater Program advertises public involvement/participation events on the Fort Carson stormwater program website as a means of notification. Document non-NEPA related notifications in stormwater program's tracker spreadsheet. The Fort Carson Stormwater Management Plan (SWMP) is available to the public through the stormwater program website. Information on Illicit Discharges and failure to implement or meet control measure requirements is listed on the stormwater program website. Appropriate contact information for inquiries and reporting is listed on the Fort Carson Stormwater Webpage.	No
2.7.2 - The Permittee must maintain the following records for activities to meet the requirements of Part 2.7.1. and 6.5.1.	All documents containing public comments will be saved and filed within the DPW server. To date no records of public comment have been submitted.	No
2.7.3 The Stormwater Management Plan (See Part 2.1) must document any public notices and/or meetings held to meet the conditions in Parts 2.7.1 and 2.7.2.	All notices and/or meetings are documented in Appendix I of the SWMP.	No

Public participation/Involvement (continued)

Narrative description. Provide any descriptions which may further describe the implementation of this minimum measure. Such narrative may include descriptions of efforts which overlap several minimum measures or descriptions of documents or programs which have been created in an effort to implement this minimum measure:

During permit year 2025, Fort Carson did not post any public notices specifically for stormwater public involvement/ participation purposes. Fort Carson provides public transparency by posting each year's MS4 Annual Report on the Fort Carson Stormwater Program Homepage.

In 2025, the Fort Carson Earth Day Celebration was canceled. Typically this day would include informational booths at the Post Exchange (PX) as well as waterway cleanups. Volunteers from various sectors on Fort Carson would participate in these events.

Fort Carson's Stormwater Program is coordinated and implemented by the Stormwater Program Manager, Andrew Rippe. Various MS4 and MSGP tasks are supported through external contract agreements. These tasks include, but are not limited to, outfall sampling, CGP and MSGP quarterly inspections and IDDE reports.

E. Results of Information Collected and Analyzed.

If you have collected and/or analyzed information during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants, submit a short summary of the information and any analysis completed.

Measurable Goal	**Results of information collected and analyzed that must be reported for this item**
MS4 Semi-Annual Water Sampling	Fort Carson conducted two (2) surface water sampling events during 2025. The sampling evaluates the four major cantonment drainages (B-Ditch, Clover Ditch, Infantry Creek, and Rock Creek). Nine (9) outfalls were sampled. Five (5) upstream and four (4) downstream.
MSGP Quarterly Analytical Sampling	Analytical sampling was conducted at the following locations at Fort Carson during 2025: Sector K Facilities - Range 121 (Demolition Range) Storage Facility (HWSF) Sector T Facilities - Wastewater Treatment Facility (WWTF) Sector P Facilities - Railhead Operations Sector S Facilities - Arrival/Departure Airfield Control Group (ADACG). During 2025 there was one (1) analytical results that required Additional Implementation Measures (AIM). Fort Carson addresses any issues through implementation of better material handling procedures, storage BMPs, stormwater controls, and pollution prevention. Performance indications for newly added BMPs will be monitored. The results of the sampling are included in the 2025 quarterly discharge monitoring reports submitted in the NetDMR system. These records are available by request.
MSGP Visual Assessments	In 2025, five (5) sites were monitored per the MSGP. Each sampling location is assessed quarterly, resulting in twenty (20) visual assessments in 2025. Out of twenty (20) assessments, the majority presented as clear and a few had some settled organic matter. These visual assessments indicate that the pollution prevention control measures appear to be working and that operators are complying with the installation stormwater policies

Measurable Goal	Results of information collected and analyzed that must be reported for this item
MSGP Routine Assessments	In 2025, five (5) sites were monitored per the MSGP. Each sampling location is assessed quarterly, resulting in twenty (20) routine assessments in 2025. Out of twenty (20) assessments, the majority presented with good housekeeping practices. One (1) Additional Implementation Measure was conducted at a Sector K facility. Heavy metal filtration socks were installed following a sampling event where an exceedance in Selenium (Se) was reported.
MS4 IDDE Dry Weather Screening	The 2025 illicit discharge survey evaluated primary waterways of Fort Carson for the presence of illicit discharges, erosional features, bank stability, sedimentation issues, and general infrastructure maintenance issues, as further described in Section 2 of this report. The survey was conducted over the period of 22 September 2025 through 24 September 2025.

F. Summary of Inspections and Enforcement Actions.

Provide a summary of the number and nature of inspections and formal enforcement actions performed. Site-specific information may also be included, but is not required.

Program Areaa	Description of Enforcement Actions/Inspections
Construction General Permit-45-day Construction Stormwater Inspections	The Fort Carson Stormwater Program conducted 127 construction inspections at CGP sites during 2025. Inspections were conducted every 45-days with some sites being inspected subsequently as part of the follow up from previous inspections. The inspections were documented in internal folders and provided to the project manager and contractor for inclusion with the project SWPPP. These inspection reports are available upon request. While inspections routinely revealed findings of non-compliance with the CGP, generally the findings tended to be minor in nature and were corrected well within the timelines specified by the CGP. In the 2025 permit year, one Notice of Non-compliance was issued to NPDES ID# COR10F05Y. This notice did not carry a monetary penalty and non-compliance concerns were addressed accordingly.
Multi-sector General Permit-Quarterly Visual & Routine Facility Inspections	The Fort Carson Stormwater Program conducted a total of 20 routine and 20 visual inspections at 5 sites during 2025. Deficiencies identified during the routine inspections were addressed through corrective action forms and Additional Implementation Measures (AIM).
Stormwater Control Measures-LID Feature Annual Inspections	The Fort Carson Stormwater Program conducted performance inspections on Permanent Stormwater Control Measures (PSCM) and LID features in the cantonment area during 2025. In 2025, 175 LID features were inspected for functionality. Copies of these inspections are available upon request PSCMs and features that required remediation had maintenance orders submitted through ArMA. Fort Carson works with GIS to ensure a real-time inventory of PSCM and LID features is available and inspected. In 2026, Fort Carson will abide by the inspection requirements in Part 2.5.8 in the MS4 Permit and inspect PSCMs installed during the permit term. Existing LID features will continue to be monitored through several sets of eyes on the ground and will be serviced accordingly.

G. Proposed Changes to the Stormwater Management Program.

Provide a narrative description of any changes or additions to the stormwater management program.

Fort Carson will continue to make improvements to the existing SWMP and fulfill the new requirements of the 2025 MS4 Permit renewal.

Proposed changes will coincide with the MSGP. In 2026 a renewal of this permit will be issued and with it will come new requirements and classifications of existing facilities. A new NOI will be submitted and additional sampling/ monitoring for PFAS has commenced in the first quarter of 2026.

H. Notice of Program Element Operation by a Second Party.

Another government entity may be relied on to perform requirements of your MS4 permit. However, as the permittee, you remain liable for compliance with the terms of the permit if the requirements are not fulfilled. You must complete this annual report for the geographic areas covered under your permit, for all program areas, even if one or more program elements/areas is being performed by another entity. (However, if you are performing a program element for another permittee, you do not need to include that activity in this report.) If you are relying on another government entity to satisfy some of your permit obligations (and if the information has not been previously provided to the EPA in earlier reports or the application), the annual report must include a statement to that effect. If the BMP and/or measurable goal will be modified in addition to the change of operator to another government entity, the change must be included in Item G, above. Example statement: “As of September 15, 2003, Monroe County is performing the construction site plan reviews for the Nixon Air Force Base in accordance with the procedures in the Base's original application.”