



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region8/stormwater>

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 recordkeeping and to minimize paper consumption.

PLEASE NOTE: This form may not include all of the 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 mailed to:

Amy Clark
EPA Region 8 Stormwater Coordinator
Mailcode: 8WP-CWW
1595 Wynkoop Street
Denver, CO 80202-1129
Email: clark.amy@epa.gov

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, Colorado 80913-4000

Contact Phone Number: 719-526-1697

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, 2020 to Dec. 31, 2020

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?

If Yes:

Contact name: Tyler Conquest

Position/work group title: Stormwater Program Manager, Environmental Compliance Branch

Contact phone number: 719-526-1697

Contact E-mail address: tyler.w.conquest.civ@mail.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://www.carson.army.mil/organizations/dpw.html>

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. Public participation/involvement;
3. Illicit discharge detection and elimination;
4. Construction site stormwater runoff control;
5. Post-construction stormwater management in new development and redevelopment; and
6. Pollution prevention/good housekeeping for municipal operations

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.
Implement an education and outreach program for Fort Carson that targets project managers, contractors, tenants, and environmental staff in an effort to 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.	<p>Fort Carson's main focus of education is through the Environmental Protection Officer (EPO) course, which is offered on a monthly basis to Soldiers and civilians who are responsible for compliance at the installation's motor pools and maintenance facilities.</p> <p>Additionally, the stormwater program conducts training with contractors and Soldiers who are executing construction projects on the installation to educate them on protecting water quality during construction.</p> <p>Attachment 1 provides the training events for 2020.</p> <p>Attachment 2 provides the training slides for the EPO course.</p> <p>Attachment 3 provides training slides for the EPO refresher course.</p>	Yes. Annual revision and update to training materials reflecting current stormwater topics and issues.

<p>Produce and disseminate informational material to inform the public (i.e., project managers, contractors, tenants, students, and environmental staff) of the effects of erosion and runoff on water quality. Informational materials shall be updated and distributed as necessary throughout the duration of this permit, and should provide a location where all annual reports and/or SWMP updates as required by this permit may be viewed.</p>	<p>Fort Carson uses three main ways to disseminate information to the public:</p> <ol style="list-style-type: none"> 1. The Fort Carson Stormwater Brochure is provided to EPO and Construction Stormwater class attendees as well as to attendees of outreach programs. 2. The Fort Carson Resident's Guide provides information for protecting water quality in the installation housing areas. 3. The Fort Carson Directorate of Public Works homepage provides public information on the Stormwater Program. The URL is provided on page 2. 	<p>No.</p>
<p>Provide and document training to appropriate planning staff, project managers, contracting officers and other parties as applicable to learn about LID practices, green infrastructure (GI) practices, and to communicate the specific requirements for post-construction control and the associated SCM laid out within the SWMP.</p>	<p>Low Impact Development training is accomplished during the EPO and Construction Site training, and provides general information on LID features installed on Fort Carson and the procedures for requesting maintenance. Maintenance training is provided on an as needed basis for the installation service contractor.</p>	<p>No.</p>
<p>Provide a stormwater awareness brochure and track its distribution.</p>	<p>A copy of the Fort Carson Stormwater Brochure is provided in Attachment 4. Attachment 5 provides distribution of the brochure as part of the installation's outreach programs. During 2020, 197 brochures were distributed to students and residents.</p>	<p>No.</p>
<p>Ensure, to the extent feasible, that any new resident guides include terms for occupancy that relate to household waste management, pet policy, lawn watering, petroleum management, fertilizer/pesticide management, and car washing.</p>	<p>The Fort Carson Resident's guide provides information for protecting water quality in the installation housing areas. The guide is available to new residents on a secure portal. The guide is included as Attachment 6.</p>	<p>No.</p>

<p>At a minimum, produce and disseminate informational material to inform employees and contractors working onsite of proper hazardous waste collection processes. These materials should be updated and distributed as necessary throughout the duration of the permit.</p>	<p>The Fort Carson DPW Homepage provides information on the proper collection and disposal of household hazardous waste.</p> <p>The Fort Carson Environmental Battlebook provides information to Soldiers and installation workforce on the proper hazardous waste collection processes.</p> <p>Fort Carson DPW also provides the 40-hour and 8-hour refresher employee training for the Hazardous Waste Operations and Emergency Response (HAZWOPER) training, which specially addresses proper hazardous waste collection processes</p>	<p>No.</p>
<p>Document education and outreach activities in the SWMP, including documents created for distribution and a training schedule which notes the dates that trainings occurred and the target audiences reached.</p>	<p>Attachment 5 provides a log of the installation's public education and outreach events. During 2020, Fort Carson conducted 9 activities, educating 167 people on stormwater quality issues.</p>	<p>No.</p>

Public education/outreach (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 continuously updates its education materials to reflect current stormwater issues as well as make the materials more comprehensive.
Due to the effects COVID had on our public outreach events, fewer brochures were handed out and fewer people were educated on stormwater topics.

2. Public Participation and 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.
Comply with applicable state and local public notice requirements when implementing a public involvement/participation program.	Public notice for projects with stormwater management impacts are handled through the National Environmental Policy Act (NEPA) review process. During 2020, 2 public notices were posted for public involvement for Environmental Assessments (EAs) through the NEPA process.	No.
Make all relevant Annual Reports available on the permittee web site or on another platform that is available to the public in an electronic format.	MS4 Annual Reports are publicly available on the Fort Carson Stormwater Homepage. The homepage can be accessed at the URL provided on Page 2.	No.
Provide volunteer activities (e.g., cleanup days) as practicable to help actively engage residents and personnel at Fort Carson in understanding water resources and how their activities can affect water quality.	Fort Carson conducts two community activities annually which engage residents on the importance of water resources – Earth Day and Make a Difference Day. Summaries of these activities are included in Attachments 7 and 8.	No.
Maintain a log of public participation and outreach activities performed in the permittee's SWMP.	Attachment 5 provides a log of the installation's public participation and involvement programs. During 2020, Fort Carson conducted 1 outreach event, which involved 55 people.	No.

Maintain a copy of the most recent version of the facility SWMP and permit in a publicly accessible format (e.g., available in electronic format, online or in a publicly accessible location).	The current installation Stormwater Management Plan (SWMP) is posted to the Fort Carson Directorate of Public Works homepage which can be accessed at the URL provided on Page 2.	No.
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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:

1. Fort Carson Earth Day Celebration. This event is held annually in April and highlights the things residents can do to enhance and protect the environment. The community household hazardous waste collection day allows for community members to turn in materials such as used motor oil, batteries, electronics, cleaners, old televisions, and assortments of other products which might have otherwise been taken to a landfill or disposed of in an improper manner. Unfortunately, due to COVID-19 precautions, this event was cancelled for the year 2020.
2. Make a Difference Day (MADD). MADD is a nation-wide day of volunteer service where residents complete projects to enhance the community. On October 24, 2020, 55 volunteers provided 220 man hours of labor doing various tasks. Stormwater maintenance removed 5 dump trucks of trash and miscellaneous debris, including a couch, from 2 main drainages on Fort Carson.
3. Public Notices were posted for public involvement for Environmental Assessments (EAs) through the NEPA process regarding an Unmanned Aircraft flight as well as the Integrated Natural Resource Management plan.

3. 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.
Implement a program, policies, and/or procedures to detect and eliminate illicit discharges into its MS4. The program shall include procedures for detection, identification of sources, and removal of non-stormwater discharges from the storm sewer system. This program shall address illegal dumping into the storm sewer system, shall include inventories and investigations of interior floor drains in buildings for evidence of cross-connections between the storm and sanitary sewer systems, and shall include training for staff on how to respond to reports of illicit discharges.	Fort Carson's illicit discharge program consists of education and training, spill response guidance and procedures, routine inspections, and illicit discharge surveys. Fort Carson's spill response guidance is provided via the Directorate of Public Works homepage accessible by the URL provided on Page 2. A copy of the Fort Carson spill response procedure is included in Attachment 9.	No.
Effectively prohibit, through ordinance or other regulatory mechanism available under the legal authorities of the MS4, non-stormwater discharges into the storm sewer system and implement appropriate enforcement procedures and actions.	Fort Carson's spill response guidance is provided via the Directorate of Public Works homepage accessible by the URL provided on Page 2. Fort Carson maintains an installation-wide Spill Prevention, Control and Countermeasure Plan as required by 40 CFR part 112, which addresses the storage and management of petroleum oil and lubricant (POL) products. The installation's Stormwater Pollution Prevention Plan (SWPPP) addresses spills and illicit discharges in Section 3.1.4.	No.

Provide a mechanism for reporting of illicit discharges and provide this number on the Fort Carson stormwater website and any outreach materials as appropriate.	Fort Carson has a spill line (526-0973) for the reporting of spills and illicit discharges which occur on the installation. The phone number for the spill line is posted to a variety of locations including the Directorate of Public Works homepage accessible by the URL provided on page 2. A copy of the Fort Carson spill response procedure is included in attachment 9.	No.
Investigate any illicit discharge within 15 days of its detection, and take action to eliminate the source of the discharge within 45 days of its detection (or obtain permission from USEPA for such longer periods as may be necessary in particular instances).	Upon notification of a spill or illicit discharge, an investigation of the situation is made within 24 hours to determine the source and cause of the discharge. If required, temporary control measures may be installed until a service order is executed to fix the problem.	No.
Maintain an updated storm sewer system map. At a minimum, the map or system of maps maintained within a Geographic Information System (GIS) shall show jurisdictional boundaries, the location of all inlets and outfalls, names and locations of all waters that receive discharges from those outfalls, locations of post-construction BMPs installed since the effective date of this permit, and locations of all facilities operated by the permittee, including any public or private snow disposal sites. The map shall be available in electronic or digital format as appropriate.	The Fort Carson Directorate of Public Works Geographic Information System (GIS) section maintains and updates the installation's storm sewer system map. The map contains the pertinent data for the installation's storm sewer system and is updated as collection systems change or new construction is completed.	No.
Develop and maintain an Illicit Discharge Detection and Elimination (IDDE) tracking mechanism which tracks dry weather screening efforts and the location of remediation efforts to address identified illicit discharges.	The annual dry-weather screening was completed in December 2020. The screening identifies potential illicit discharges or other conditions which require attention (e.g., debris, erosion, etc.). The results of the screening are incorporated into the IDDE tracker, which tracks the problems and corrective action.	No.
Conduct dry weather screening annually at each of the major drainages within Fort Carson (B-Ditch, Clover Ditch, Infantry Creek, Rock Creek) for the presence of non-stormwater discharges.	The 2020 dry-weather screening was completed in December 2020. The screening identifies potential illicit discharges, and identifies other conditions which require attention (e.g., debris, erosion, etc.).	No.

Have a household hazardous waste collection day as needed or as practicable, either as a separate Fort Carson activity or in conjunction with nearby civilian jurisdictions.	The 2020 household hazardous waste collection day event was not held in 2020.	Yes. Fort Carson no longer holds this event and now provides a different avenue for soldiers to turn in their hazardous waste.
Stencil all storm drains (e.g., paint, placards, stenciling), as practicable, in all areas with industrial uses and residential uses by the end of year four of this permit.	During 2020, Fort Carson continued marking of storm drains as needed throughout the installation. New construction requires marking.	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:

Spill reports are kept on the Fort Carson 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), Environmental Protection Officer (EPO) training, EPO refresher training and the installations Environmental Quality Control Committee (EQCC). During 2020, Fort Carson DPW responded to 17 spills. Of these spills, the SSO/ Industrial Line Break on 11/5/2020 met the requirements to be reported to the EPA. All spills were contained and mitigated appropriately and in a timely fashion. All spills are noted in attachment 10 of this report. The storm sewer map is electronically managed and updated by the Ft. Carson DPW GIS Department. The County of El Paso no longer will support Fort Carson for the Household Hazardous Waste Event. Our response to this issue is that Soldiers can turn in their Household Hazardous Waste all year to the PX recycle yard where it is collected and turned in to El Paso County throughout the year instead of holding one single large event.
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4. 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.
Require all contractors having a potential of disturbing one or more acres of land within the exterior boundaries of Fort Carson to obtain NPDES permit coverage for their construction stormwater discharges under an applicable USEPA permit, and to comply with other applicable state or local construction stormwater requirements. For sites disturbing less than one acre, contractors shall comply with requirements as determined by the facility in its SWMP.	Fort Carson works closely with contractors operating on the installation to maintain compliance with the requirements for protecting water quality through the MS4 permit and the Construction General Permit (CGP). For projects over one acre, contractors are required to obtain an NPDES permit for their construction activity. Before a Notice of Intent (NOI) can be submitted, approval of the contractors Stormwater Pollution Prevention Plan (SWPPP) is required. Small projects are managed under the MS4 permit. Compliance is verified through routine inspections and interaction with the project managers and construction representatives. During 2020, Fort Carson had 37 active construction projects requiring an NPDES permit for at least part of the year.	No.

<p>Use an ordinance or other regulatory mechanism available under the legal authorities of Fort Carson to require erosion and sediment controls and sanctions to ensure compliance with the terms of the NPDES General Permit for Discharges from Construction Activities, (Construction General Permit). This shall include working with contract officers to determine methods for stopping work or penalizing contractors who violate the terms of the aforementioned construction stormwater permit.</p>	<p>Fort Carson's Garrison Commander's Policy Letter #17 is the installation's construction site stormwater program policy. It applies to all construction activities on post and provides potential sanctions for violations.</p> <p>A copy of the current policy letter is included in Attachment 11.</p>	<p>No.</p>
<p>Maintain a list of policies and procedures that can be used to enforce construction site compliance within Fort Carson independent of USEPA staff directly enforcing the CGP.</p>	<p>Fort Carson's Garrison Commander's Policy Letter #17 is the installation's construction site stormwater program policy. It applies to all construction activities on post and provides potential sanctions for violations.</p> <p>The policy letter is posted to the Fort Carson Directorate of Public Works Homepage accessible by the link provided on page 2.</p>	<p>No.</p>
<p>Implement procedures for site plan review that incorporate consideration of potential water quality impacts.</p>	<p>The Fort Carson Stormwater Program is integrated in the design review process and provide inputs on water quality at the 30%, 60%, 90% and 100% design reviews. Specific erosion and sediment control plans are reviewed separately and must be approved prior to an NOI being submitted by the contractor. Design reviews for Low Impact Development and compliance with EISA Section 438 are included in the process.</p>	<p>No.</p>

Implement procedures for receipt and consideration of information, including complaints of construction site non-compliance, submitted by the public.	The 2017 CGP requires all construction sites with a NPDES permit to post a sign indicating where the public can access or request a copy of the SWPPP. The sign used on Fort Carson includes contact information for the stormwater program manager along with USEPA Region 8. The public is encouraged to contact the Fort Carson stormwater program manager if they have concerns about operations at construction sites. Additionally, the Fort Carson spill line can also be used report complaints.	No.
Review the SOW for construction projects in order to ensure that the SWMP and SCMs for erosion and sediment control and construction dewatering can be determined to be effective given the regulations and environmental conditions at Fort Carson.	Erosion and Sediment Control Plans are included in the design review process and are required in the Stormwater Pollution Prevention Plan, which must be approved by the Fort Carson Storm water program prior to an NOI being submitted by the contractor. 2020 Construction projects over 1 acre are noted in Attachment 12. A copy of Fort Carson's SWPPP review form along with a SWPPP template is posted to the Fort Carson Directorate of Public Works homepage accessible by the URL provided on Page 2.	No.
Implement an inspection plan and keep a copy of that plan in the SWMP which provides inspection triggers and a required timeframe upon which construction sites must be inspected by Fort Carson staff. All sites within this plan must be inspected at a minimum quarterly.	Fort Carson executes inspections of construction sites on a quarterly basis to check compliance with the MS4 and CGP permits. Inspection reports are maintained on the program's internal SharePoint portal and findings are provided to the project's management team for action, if required. Follow up inspection are executed as required to verify corrective actions. Drive-by inspections are also conducted to check on project progress and to maintain situational awareness of construction activities.	Yes, all inspections have been moved to the Fort Carson internal storage on the R drive.

Maintain a site inspection form in the SWMP for use by Fort Carson construction management and oversight personnel when performing inspections required by Part 2.5.7.	Fort Carson uses a standardized inspection form to inspect construction sites. Hard copies of the form are used to record notes in the field. The notes are then transferred to electronic inspection forms upon return to the office. Inspection results are provided to the project's management team for action. A copy of the form is included in Attachment 13.	No.
Maintain and utilize a NOT form or alternative process for Fort Carson independent of the CGP NOT form and have Fort Carson stormwater staff inspect all construction sites prior to termination to ensure that 70% vegetative cover has been met at all areas of the site.	<p>Fort Carson uses a Notice of Termination (NOT) form to document compliance with the final stabilization requirements of the CGP. NOT inspections are scheduled with the contractor and the project management team. If all requirements are met, a completed NOT form is issued to the project manager, and the contractor is then authorized to terminate the NPDES construction permit.</p> <p>A copy of the inspection form is included in Attachment 14.</p> <p>During 2020, Fort Carson completed 10 NOT Inspections, resulting in successful completion of final stabilization requirements.</p>	Yes, change language in SWMP section 2.5.9 from "70% predevelopment vegetative cover" to "70% native undisturbed vegetative cover". This follows the language of the 2015 CGP.

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:

The Fort Carson Stormwater Program conducts quarterly construction stormwater training to assist contractors, site supervisors, stormwater inspectors, SWPPP preparers, and Troop construction units with construction stormwater management and pollution prevention. Topics include Clean Water Act, NPDES and CGP overview; stormwater BMPs; site stabilization; inspection procedures; and SWPPP preparation. During 2020 the program conducted 3 training sessions with 30 personnel trained.

Due to COVID-19 restrictions and social distancing protocol, the Stormwater Program was unable to hold as many training events as prior years. However, there were enough training events to reach all necessary individual in order to maintain compliance per the 2017 CGP.

5. 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.
Establish and implement a process to ensure that all new and re-development projects that disturb equal to or greater than one acre and that discharge into permittee's small MS4, are designed and constructed with permanent post-construction stormwater control measures designed to prevent or minimize water quality impacts using structural or nonstructural BMPs appropriate for Fort Carson.	The Fort Carson Stormwater Program is integrated in the design review process and provide inputs on water quality at the 30%, 60%, 90% and 100% design reviews. If the project is over 5,000 square feet in size, the design engineer is required to complete the "Maintaining Hydrology on Army Construction Projects", which documents what control measures will be used to prevent or minimize water quality impacts resulting from the project.	No.
For purposes of this permit, such BMPs shall be selected based on their ability to maintain onsite predevelopment runoff conditions and be implemented onsite, except to the extent it is impracticable to do so.	As part of the design process, the design engineer submits the LID Design and Cost tool, which outlines the specific BMPs that will be used to maintain onsite predevelopment runoff conditions.	No.
To the extent the permittee determines it is impracticable to maintain predevelopment runoff conditions by implementing such BMPs at a new or redevelopment site, it shall install or utilize, and maintain, alternative stormwater control measures to prevent or minimize water quality impacts from the runoff from the new or redevelopment site.	If the design engineer cannot meet the requirements of maintaining onsite predevelopment runoff conditions, the reasons why are documented on the "Maintaining Hydrology on Army Projects", which is maintained in the project file. During 2020, no projects were determined to be impracticable to maintain predevelopment runoff conditions.	No.

When updated, include hydrologic performance specifications and information related to the design and maintenance of permanent stormwater control measures in natural resource plans.	Hydrologic performance specifications and information is included in the project's basis of design and is maintained by the project management team.	No.
Include post-construction BMP "as-builts" for all newly installed permanent stormwater control measures in a georeferenced data management system.	The collection of "as-built" drawings and associated cut sheets are part of project close out. Deliverables are collected by the project management team and are provided to the DPW GIS section for inclusion in the installation's GIS database.	No.
Ensure that all newly installed post-construction stormwater control measures are working as designed prior to closing out contracts.	Stormwater control measures are included in the NOT inspection process. Control measures which are not operating properly are addressed through the warranty process.	No.
Upon closeout of new construction projects, include maintenance requirements for newly installed permanent post-construction stormwater control measures into a long-term maintenance plan (e.g., the recurring work program).	Newly installed permanent post-construction stormwater control measures are added to the base operations contractor's technical exhibit for long-term maintenance. The technical exhibit is updated annually.	No.
Ensure that permanent post-construction stormwater control measures are included in any applicable warranty reviews.	Stormwater control measures are part of the NOT inspection process. Control measures which are not operating properly are addressed through the warranty process.	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:

LID/ BMP inspections assess the performance of the control measures and provide a basis for prioritization of maintenance activities. Fort Carson conducted annual inspections of 143 permanent stormwater controls and BMPs throughout the installation during 2020. This is a reduction by 1 inspection compared to 2019 by which feature I-3 03 BR was not inspected as this feature was removed prior to 2019, as indicated on the master 2019 LID maintenance tracker. Various BMPs are currently under construction and there will be a significant increase of features inspected in 2021. There were no findings in 2020 which required significant repairs.

6. 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.
Provide annual training for facility maintenance contracted companies, environmental program managers, and other people identified as having fleet maintenance activities in line with the SWMP. Each of the categories of municipal activities referenced in the SWMP should receive stormwater training.	Annual pollution prevention training is provided through various methods for units, the base operations service contractor, and construction contractors. On the spot “opportunity training” is provided through stormwater and ECAT inspections and engagement with operators and constructors throughout the year. Additionally, each facility is provided a pollution prevention poster, which is included in Attachment 15.	No.
Provide deicing training to minimize the use of and runoff from chemical deicers and traction aggregates.	Fort Carson does not conduct chemical deicing of aircraft at Butts Army Airfield. Fort Carson does employ chemical deicing of installation roads within the cantonment area to enable the safe operation of military and civilian traffic. Fort Carson conducts annual pollution prevention training for winter maintenance operations. A BMP cut sheet is included in Attachment 16.	No.
Implement a schedule for cleanout of storm sewer inlets in a manner that 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.	All storm sewer inlets are inspected and cleaned annually through a schedule maintained by the base operations contractor.	No.

Implement a schedule for sweeping streets in a manner that 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.	Primary streets are swept monthly; secondary streets are swept every other month. Parking lots are swept twice a year. If an area is identified that requires additional sweeping, a service order is generated to the base operations service contractor to address the condition.	No.
Consider the need for and application of cover to prevent airborne deposition of particulates from storage piles at the municipal materials storage yard.	Fort Carson employs water to moisten storage piles to reduce the incident of materials being transported in the air and depositing outside of the storage area.	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:

Postwide Clean Up Activities. Fort Carson executes a spring and fall clean up event on the installation. Efforts focus on cleaning up trash in unit areas and housing areas which has accumulated over the past months. These efforts reduce the amount of debris and waste in the MS4 and assist in protecting water quality. Unfortunately, due to COVID-19 restrictions, these events did not occur in 2020 but will resume in 2021 as restrictions ease off.
--

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
MSGP Visual Assessments	51 sites were visited all four quarters for visual sampling. Of the 204 required visual assessments, 36 assessments were unable to be performed due to inadequate surface flow. In total, 168 visual assessments were performed. Of 168 samples, 8 showed characteristics of POL. These assessments indicate that the pollution prevention control measures appear to be working and that operators are complying with the installation stormwater policies.
MSGP Quarterly Analytical Sampling	<p>Analytical sampling was conducted at the following locations at Fort Carson during 2020: Sector N Facilities - Building 400 (Recycle Center), Building 343 (Defense Logistics Agency Disposition Services), Building 155 (Recycle Center), Building 9732 (Ammunition Residue Yard). Sector K Facilities - Range 121 (Demolition Range) and Building 9248 (Hazardous Waste Storage Facility).</p> <p>The sampling showed challenges with concentration of metals and total suspended solids above the average benchmark monitoring levels. Fort Carson is addressing these issues through implementation of better material handling procedures, storage BMPs, stormwater controls, and pollution prevention. Performance indicators for newly added BMPs will be monitored.</p> <p>The results of the sampling are included in the 2020 quarterly discharge monitoring reports in the NetDMR system.</p>
MSGP Impaired Waters Sampling	<p>Impaired waters sampling was conducted at 5 locations and indicated the presence of <i>E. coli</i> at the following buildings: 400, 9732, 9604/ 9633, 2792 and 9062. Of these, building 2792 had an exceedance with a value of 1414mpn/100ml on 7/27/2020, this sample was collected in an old container with possible contamination. Building 2792 was re-sampled on 8/6/2020 with a value of 15mpn/100ml. All other results were well below the 126 mpn standard.</p> <p>The presence of <i>E.coli</i> is attributable to natural background in the soil and the presence of wild life (e.g. birds, rabbits).</p> <p>Sampling results are included in the 2020 discharge monitoring reports in NetDMR.</p>
MS4 Semi-Annual Water Sampling	<p>Fort Carson conducted two surface water sampling events during 2020. The sampling evaluates the four major cantonment drainages (B-Ditch, Clover Ditch, Infantry Creek, and Rock Creek).</p> <p>The sampling efforts detected water quality exceedances for <i>E. coli</i>, nitrite, selenium, phosphorous, lead, manganese and mercury in some areas.</p>

*Data collected to audit the implementation status of a program element does not need to be reported in the annual report unless required by an established measurable goal or as a requirement or result of an inspection or enforcement action. For example, data such as street miles swept, visitors at an information booth, or visits to a web site do not need to be included in the annual report unless directly related to a measurable goal or committed to be reported and/or analyzed in a program description.

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 Area	Description of Enforcement Actions/ Inspections
Construction General Permit - Quarterly Construction Stormwater Inspections	<p>The Fort Carson Stormwater Program conducted 105 construction inspections at 37 CGP sites during 2020.</p> <p>Inspections were conducted quarterly with some sites being inspected subsequently as part of follow up from previous inspections. The inspections were documented in the DPW R Drive and provided to the project manager and contractor for inclusion with the project SWPPP. 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.</p>
Multisector General Permit – Quarterly Routine Facility Inspections	<p>The Fort Carson Stormwater Program conducted 332 routine inspections at 83 facilities on the Fort Carson Military Reservation during 2020.</p> <p>Minor deficiencies identified during the routine inspections were addressed on the spot by the inspector or through Environmental Compliance Assistance Team (ECAT) follow up with the facility operator.</p> <p>Regular inspections performed by the base operations contractor observed and corrected more than 67 stormwater issues. See attachment 17 Base Operations Stormwater Work.</p>
Stormwater Control Measures – LID Feature Annual Inspections	<p>The Fort Carson Stormwater Program conducted performance inspections at 143 LID features in the cantonment area during 2020.</p> <p>No features required immediate attention and maintenance are decided on a priority basis.</p>

G. Proposed Changes to the Stormwater Management Program.

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

1. Continuously revise and update training materials to reflect current stormwater topics and issues. Training materials include presentations for the Environmental Protection Officer's Course, Construction Stormwater Training, stormwater program brochure, and informational materials.
2. Review and update Garrison Commander's Policy Letter #17 periodically. Update document to reflect new individual holding the Garrison Commander title.
3. Update the Stormwater Management Plan as necessary.
4. Most information stored on the Sharepoint is being moved to the Fort Carson internal R Drive.

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."

I. Certification.

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

20 Feb 2020

Signature of Permittee (legally responsible person)**

Date Signed

Hal K. Alguire

Director, Public Works

Name (printed)

Title

**This report may be signed by a duly authorized representative of the permittee in conjunction with the signatory requirements for NPDES permitting provided at 40 CFR§122.22(b).

Attachments

Attachment 1 – 2020 DPW-Environmental Division Training Events

Attachment 2 – EPO Stormwater Class Materials

Attachment 3 – EPO Refresher Training

Attachment 4 - Fort Carson Stormwater Brochure

Attachment 5 – 2020 MS4 Education and Outreach Tracker

Attachment 6 - Fort Carson Family Housing Resident Guide

Attachment 7 – 2020 Earth Day Celebration Information

Attachment 8 – 2020 Make A Difference Day Information

Attachment 9 – Fort Carson Spill Response Procedures

Attachment 10 – Illicit Discharge Tracker

Attachment 11 – Garrison Commander’s Policy Letter #17

Attachment 12 – 2020 Construction Activities

Attachment 13 – Construction General Permit Inspection Form

Attachment 14 – Construction General Permit Notice of Termination Inspection Form

Attachment 15 – Pollution Prevention Poster

Attachment 16– Winter Maintenance Best Management Practices

Attachment 17 - Base Operations Stormwater Work

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Attachment 1 – 2020 DPW-Environmental Division Training Events

DPW-ENVIRONMENTAL DIVISION

Environmental Events 2019

ENVIRONMENTAL PROTECTION OFFICER (EPO) CERTIFICATION TRAINING

40-hr EPO Course - 0800 – 1600 hrs, Monday – Friday

Registration for Soldiers is through Troop Schools; Civilians contact DPW-ED POC

Location: DPW – Bldg # 1219 – Crestone Conference Room - Room 325A

**27 - 31 Jan 2020; 09 - 13 March 2020;
21 - 25 Sept 2020; 19 - 24 Oct 2020; 07-11 Dec 2020**

POC: Richard Yohn (richard.e.yohn.civ@mail.mil) – 526-8893

ENVIRONMENTAL PROTECTION OFFICER (EPO) REFRESHER TRAINING

8-hr EPO Refresher Course – 0800-1600 hrs

Attendees: ESEOs, EPOs/EPNCOs (annually)

Registration for Soldiers is through Troop Schools; Civilians contact DPW-ED POC

Location: DPW – Bldg # 1219 – Crestone Conference Room - Room 325A

Specific dates are unique for to the individual who took the course with 29 dates.

POC: Richard Yohn (richard.e.yohn.civ@mail.mil) – 526-8893

Environmental Compliance Assistance Team (ECAT) POCs for General Environmental Awareness Training and Assessments

David Nino – ECAT Program Manager – 524-3534
Tyler Wendtland – 526-9176; Kevin Lyons – 524-0979
Elaina Barni – 526-8000

ENVIRONMENTAL QUALITY CONTROL COMMITTEE (EQCC)

Location: TBD – refer to meeting invite

25 Feb 2020; 21 Oct 2020

POC: Richard Yohn (richard.e.yohn.civ@mail.mil) – 526-8893

Attachment 2 – EPO Stormwater Class Material



The slide features the Colorado Department of Public Works logo in the top left and a "Clean STREETS Clean STREAMS" logo in the top right. The background is a photograph of a forest with sunlight filtering through the trees. In the center, the text "Fort Carson Stormwater Program" is displayed in a large, serif font. Below the text is a close-up photograph of a water droplet hitting a surface, creating concentric ripples.

Outline

- Stormwater and Why it Matters
- Water Quality
- Regulatory Background
- DPW Responsibilities
- EPO Responsibilities
- SWPPPs
- Stormwater: The Good, The Bad, and The Ugly
- Questions

2/26/2019

FORT CARSON EPO COURSE

2

What is Stormwater?

Water runoff generated from rain and snowmelt events that flow over land or impervious surfaces, such as paved streets, parking lots, and building rooftops, and does not soak into the ground.



Stormwater discharges are regulated by local, state and federal governments to protect general water quality

2/26/2019

FORT CARSON EPO COURSE

3

Why Does Stormwater Matter?



Flooding August 2013

2/26/2019

FORT CARSON EPO COURSE

4

2013 Flooding Effects at Fort Carson



2/28/2019

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5

Why Does Stormwater Matter?

- Runoff accumulates debris, chemicals, sediment or other pollutants
- Adversely affects water quality if the runoff is not treated or controlled
- Eventually discharges to areas used for drinking water, commerce and recreation
- May cause damage to property and/or life due to flooding



Costly penalties may be imposed if permit provisions are not followed

2/28/2019

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6

Why Does Stormwater Matter?



2/28/2019

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7

Water Quality



2/28/2019

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8

The Clean Water Act of 1972

- Amended the 1948 Water Pollution Control Act and the 1956 Federal Water Pollution Control Act (FWPCA)
- Established a structure for regulating pollutant discharges into waters of the United States
- Made it unlawful to discharge any pollutant from a point source into navigable waters unless a permit was obtained
- Established the National Pollutant Discharge Elimination System (NPDES)
- Amended again in 1981 and 1987

Goals: Swimmable and fishable waters; Protect human health

DPW Stormwater Program Responsibilities

- Implement the Stormwater Pollution Prevention Plan (SWPPP)
- Check compliance with permits through routine inspections
- Review development plans and engineering designs for stormwater impacts
- Recommend Low Impact Design (LID) features as part of the design process
- Maintain drainage structures and control measures
- Respond to spills
- Conduct training and community outreach

Fort Carson DPW is a resource for you!

EPO Stormwater Management Responsibilities

- Educate others at your facility on SWPPP requirements
- Maintain good housekeeping
- Minimize exposure of hazardous materials (e.g. fuel, metals, waste) to precipitation
- Know your spill plan and report spills immediately
- Know the location of stormwater controls in your area, how they operate and where they drain to
- Report maintenance problems immediately
 - Routine maintenance = Service order
 - Construction/New work = Work order

Be proactive and address deficiencies before they become problems.

Facility Stormwater Pollution Prevention Plan

- Required as part of the Fort Carson Multisector General Permit (MSGP)
- Units must maintain a copy of the applicable Stormwater Pollution Prevention Plan (SWPPP) map on-site as well as a stormwater poster
- Request a copy from your ECAT assessor or from the Stormwater Program Office



Know your facility and the response plan.

Elements of the SWPPP Map



2/28/2019

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13

Typical Stormwater Collection Features



2/28/2019

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14

Stormwater Catch Vaults



Stormwater Catch Vaults are intended to be secondary containment for fuelers

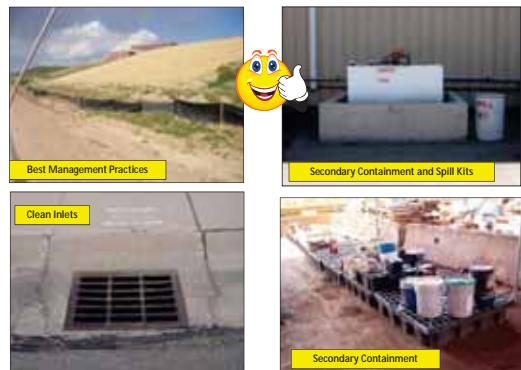
- If the vault is contaminated or contains debris, call in a service order at (719) 526-5345

2/28/2019

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15

Stormwater: The Good...



2/28/2019

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16

Stormwater: The Good... (Low Impact Development)



2/26/2019

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17

Stormwater: The Bad...



2/26/2019

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18

Stormwater: The Ugly... Illicit Discharge



Washing vehicles in the motor pool

Use wash racks or the Central Wash Facility!!!

2/26/2019

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19

Questions?

Tyler Conquest– Stormwater Program 719-526-1697

tyler.w.conquest.civ@mail.mil



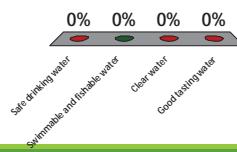
2/26/2019

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20

What is the goal of the Clean Water Act?

- A. Safe drinking water
- B. Swimmable and fishable water
- C. Clear water
- D. Good tasting water



2/26/2019

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21

Which type of order do you submit for routine stormwater maintenance?

- A. Operations order
- B. Work Order
- C. General Order #1
- D. Service Order



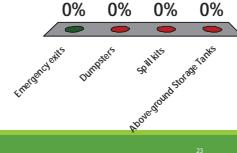
2/26/2019

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22

Which is NOT an element of a SWPPP map?

- A. Emergency exits
- B. Dumpsters
- C. Spill kits
- D. Above-ground Storage Tanks



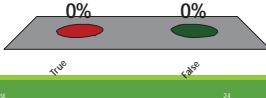
2/26/2019

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23

Catch vaults are found in all motorpools on Fort Carson.

- A. True
- B. False



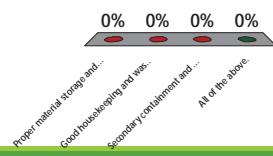
2/26/2019

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24

Which are stormwater pollution prevention techniques?

- A. Proper material storage and handling
- B. Good housekeeping and waste management
- C. Secondary containment and spill kits
- D. All of the above.



Attachment 3 – EPO Refresher Training

Trends in Stormwater Management

FORT CARSON STORMWATER PROGRAM

Outline

- Stormwater management objectives
- The Unknown Unknown
- Trends in stormwater management
 - Negative trends
 - Positive trends

2/9/2018

FORT CARSON EPO COURSE

2

Stormwater Management Objectives

- Protect wetlands and aquatic ecosystems
- Improve quality of receiving waterbodies
- Conserve of water resources
- Protect public health
- Control flooding



2/9/2018

FORT CARSON EPO COURSE

3

The Unknown Unknown

Knowledge

	Known	Unknown
Awareness	Known Things we are aware of and understand <div style="background-color: #2e6b2e; color: white; padding: 2px 5px; border-radius: 5px;">I got this!</div>	Things we are aware of but do not understand <div style="background-color: #fca82e; color: black; padding: 2px 5px; border-radius: 5px;">Discovery Learning, Avoidance or "Make it Happen"</div>
Unknown	Unknown Things we understand but are not aware of <div style="background-color: #ffff00; color: black; padding: 2px 5px; border-radius: 5px;">Hidden Knowledge</div>	Things we are neither aware of nor understand <div style="background-color: #ff0000; color: white; padding: 2px 5px; border-radius: 5px;">Ignorance</div>

2/9/2018

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4

Trends in Stormwater Management



Negative

- Poor spill kit management
- Poor material handling
- Tent washing
- Spills at used oil tanks
- Poor handling of wash rack sediments



Positive

- Spill response
- Hard stand maintenance



Discussion:

What do I know?
What am I aware of:
How do I improve the process?

2/6/2018

FORT CARSON EPO COURSE

5

Poor Spill Kit Management



Observations

- Lack of materials
- Poor resupply
- Used materials placed in overpack drums
- Poor placement



Discussion

- What should be in the spill kit?
- Where should used material be disposed?
- Who orders spill materials?
- Are kits positioned where they are most effective?

2/6/2018

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6



Poor Material Handling

Observations

- Materials stored outside
- Lack of secondary containment
- Labeling



Discussion

- Do we need the material?
- Is there a delay in getting it turned in?
- Is there a better place to store the material?
- Is there a way to cover the material?
- What is the plan for marking and labeling?

2/6/2018

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7



Tent Washing

Observations

- Wash water flowing into storm drains

Discussion

- How can we prevent flows into storm drains?
- Are there alternative locations where tents can be washed?
- Can you use soap or cleaning solutions?



2/6/2018

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8



Spills at Used Oil Tanks

Observations

- Tanks are being overfilled
- Spills occur when material poured into tanks
- Spills are not cleaned up



Discussion

- What is the process for checking tank levels?
- When are tanks being serviced?
- What is the spill response procedure?
- Are spill materials on hand?

2/6/2018

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9



Handling of Wash Rack Sediments

Observations

- Wash racks are not being serviced properly
- Sediment is removed and dumped on site

Discussion

- What is the process of getting sediment removed?
- Is there a maintenance plan for the wash rack?
- Where should wash rack sediment be disposed?



2/6/2018

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10



Spill Response

Observations

- Trained spill teams work
- Proper materials are available
- Rapid intervention



Discussion

- Are spill response teams established?
- Are the teams trained and rehearsed?
- Are spill response materials available?

2/6/2018

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11



Hard Stand Maintenance

Observations

- Units are keeping areas clean
- Sweeping up sediment
- Cleaning up spills



Discussion

- What is the process of keeping the motorpool clean?
- What are the procedures for hard stand maintenance after a unit returns from the field?

2/6/2018

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12

Questions?

Tyler Conquest – Stormwater Program Manager

719-526-1697

tyler.w.conquest.civ@mail.mil



2/6/2018

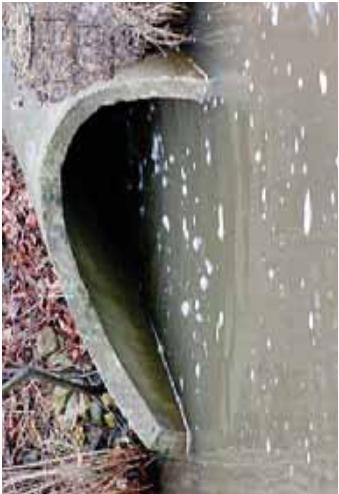
FORT CARSON EPO COURSE

13

Attachment 4 – Fort Carson Stormwater Brochure

Keep OUR Streams

Clean! Clean!



WHAT'S CAUSING OUR POLLUTION?

Construction

- Contractors disposing of concrete washout in storm drains or drainage ditches.
- Sediment washing into gutters and streets from job sites.

Around the House

- Cleaning brushes or rinsing paint containers into the gutter.
- Homeowners over-fertilizing lawns or using pesticides and herbicides improperly.
- Car washing in the driveway or street.
- Pouring cooking grease and oils down stormdrains.

Motor Vehicles

- Vehicles leaking oil and gas onto the streets.
- Spills of oil and fuel during maintenance and refueling.
- Cracked batteries.
- Improper disposal of antifreeze, old tires and batteries.
- Off-road vehicles tracking mud onto paved streets.

Remember,
ONLY rain and snow go
into storm drains.

Working together, we
can make a difference!

To report a spill
CALL 911
(Tell the operator you are
on Fort Carson)



Fort Carson Stormwater
Program 719-526-1697
[https://www.carson.army.mil/
organizations/dpw.html](https://www.carson.army.mil/organizations/dpw.html)

April 2020 Revision

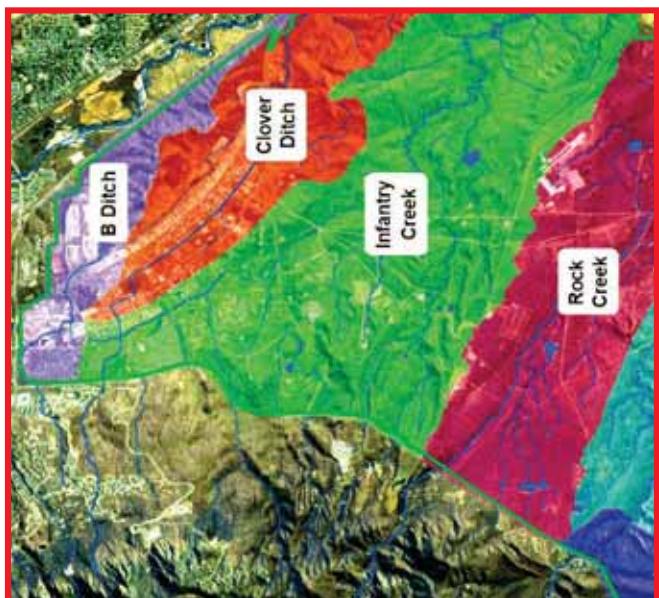


HOW YOU CAN HELP

Mud, oil, soap and trash that is tracked, spilled, poured or dumped, onto our streets and parking lots gets picked up by stormwater and can enter the storm drain system. Natural areas also contribute sediment (mud) through the process of erosion. This pollution then flows untreated into our creeks and ditches, causing adverse impacts to water quality. Aquatic life struggles to survive, and drinking water for people downstream is harder to purify.



At Fort Carson, the sanitary sewer system (wastewater) and the storm drain system (stormwater) are two separate systems. Inlets to the storm drain system are typically located outside along the gutters and streets. Rainwater and snowmelt (stormwater) that enters a storm drain inlet flows directly to our creeks and ditches, and eventually discharges into Fountain Creek, east of Fort Carson.



Did you know – ONE quart of oil can contaminate over 250,000 gallons of water?

To keep our streams clean, it is important that ONLY stormwater goes into storm drains. Discharges of fuels, cooking oil, mud, debris and trash should be prevented!

To report the release of ANY contaminant into the environment, call, 526-1697

- 👉 Wash your car at the car wash (the water is usually recycled). If you do wash the car at home, choose a non-toxic, phosphate-free or biodegradable soap. If possible, wash the car on a grassy area, so the soapy water will soak into the ground and not go into the storm drains.
- 👉 Avoid off-road vehicle use.
- 👉 Don't rinse oil spills with water.
- 👉 Apply cat litter or other dry absorbent material, sweep it up and dispose of it in the trash.

- 👉 Follow directions on pesticides, herbicides and fertilizers. Do not apply if rain is expected within 48 hours.
- 👉 Do not rake or blow leaves into the storm drains – bag them.
- 👉 Use water-based, biodegradable cleaning products.

- 👉 DON'T LITTER – RECYCLE! To dispose of old paint, pesticides and other household hazardous waste, contact the El Paso County Hazardous Household Waste Facility at 520-7878


<https://communityserviceselpasoco.com/environmental-division/household-hazardous-waste/>

Attachment 5 – 2020 MS4 Education and Outreach Tracker

2020 FORT CARSON STORMWATER PROGRAM PUBLIC EDUCATION, OUTREACH, INVOLVEMENT AND PARTICIPATION SUMMARY

Public Education and Outreach Events			
Date	Group	Activity	# of Attendees
01/27/2020	Unit Environmental Protection Officers	Stormwater Program Overview – EPO Course	48
02/12/2020	Contractors, USACE Representatives	Stormwater Management at Construction Sites	16
03/09/2020	Unit Environmental Protection Officers	Stormwater Program Overview – EPO Course	26
09/09/2020	Contractors, USACE Representatives	Stormwater Management at Construction Sites	8
09/21/2020	Unit Environmental Protection Officers	Stormwater Program Overview – EPO Course	15
10/19/2020	Unit Environmental Protection Officers	Stormwater Program Overview – EPO Course	10
11/03/2020	Contractors, USACE Representatives	Stormwater Management at Construction Sites	6
12/07/2020	Unit Environmental Protection Officers	Stormwater Program Overview – EPO Course	9
Various	EPO Course Graduates	Stormwater Program Overview – EPO Course – Refresher	29
		Total	167

Public Involvement and Participation Events			
Date	Group	Activity	# of Attendees
10/24/2020	Active Military, Retirees, FTC Residents	Make A Difference Day	55
		Total	55

Attachment 6– Fort Carson Family Housing Resident Guide

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Welcome To Your New Home

This Resident Guide has been designed to familiarize you with all of the facilities and services available within the Fort Carson Family Housing Community.

Enclosed are policies and procedures regarding your residency. We believe you will find it informative and helpful. If, by chance, you have a particular question not covered in this handbook, please do not hesitate to contact the Community Management/Leasing Office at Fort Carson. Our management personnel are trained professionals who are committed to your satisfaction.

Sincerely,

The Fort Carson Family Housing LLC/Balfour Beatty Communities

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General Information

Applicability

The provisions of this manual are applicable to all residents of Fort Carson Family Housing (FCFH). Authority for this manual is found in the RENTAL APPLICATION RULES AND REGULATIONS paragraph of your lease.

Family housing at Fort Carson has been turned over to us, Fort Carson Family Housing, LLC, a private firm owned and managed by Balfour Beatty Communities. This arrangement, known as "privatization," has made significant improvements in constructing new housing, renovating, and maintaining existing units possible. If you've lived in military family housing before, you'll find some differences in privatized housing. No longer are you "assigned" to family housing. Although Fort Carson maintains waiting lists the same way they did under the old system, once you reach the top of your list, it is your choice whether to accept our housing or find a place off post. If you choose to take advantage of what we think is a great opportunity in our on-post housing, you must sign a lease and arrange to have your lease payments made by allotment. The lease is a legal obligation between you and us, and you have a responsibility to honor its terms.

You will also see many similarities between life in traditional military housing and our privatized housing. Under our partnership with the Army, for example, Fort Carson still provides police and fire protection so you will still see Military Police in the housing areas. Fort Carson has maintained the Mayors program to help distribute information and to allow community input both to us as your landlords and to Fort Carson as it monitors our performance under the contract. We still have the Self Help program, under which, you, as residents are responsible for fenced-in back yard landscaping and minor maintenance in and around your housing unit.

The main thing to remember is that we, Fort Carson Family Housing, LLC, are primarily responsible for virtually all aspects of the family housing operation. Our goal is to make your experience as residents in this housing the very best it can possibly be. Our hope is that this Resident Guide will answer any questions you have about living here, but, if it doesn't, please contact the Leasing Office at 226-2268 for more information.

Exceptions to Housing Policy

Community members wishing to request special consideration of any circumstance they feel warrants an exception to the policies established in this guide, or to existing housing regulations, may submit their request as follows to the Fort Carson Family Housing Leasing Office.

Housing Policy (e.g. altering landscaping, satellite dishes)

Requests must originate with a memo signed by the leaseholder and be submitted to the Fort Carson Family Housing Leasing Office. Requests for exception to policy must be fully explained and justified by all supporting documents available. The Fort Carson Family Housing Project Director, or authorized representative will be the exception approving authority.

If a question exists on the appropriate authority, contact the Leasing Office.

Installation policy (e.g. dependents remaining in housing after Sponsor PCS)

Residents must route the appropriate "Exception to Policy" memo through their immediate unit commander for comment and/or recommendation to the first Colonel (O6) in their chain of command. The O6 (or O5) level commander should endorse these actions to the Directorate of Public Works Housing Division for action. The DPW will prepare all actions in the proper staff summary format and forward them to the Garrison Commander for decision. While each reviewing level of command may make an appropriate recommendation, only the Garrison Commander may approve or disapprove soldiers' requests for exception to policy. Requests received that have not been processed IAW this procedure will be returned to the requester for resubmission as required. Requests received that do not start at the soldier level (for example a request on behalf of the soldier) may also be returned for compliance with this policy. Requests for exception to policy must be fully explained and justified by all supporting documents available.

General Housing Policies

General

Family Housing residents are responsible for routine maintenance, minor repairs, operation, housekeeping, and related servicing of the home, hand-receipted equipment, maintenance and policing of grounds as would be expected of a homeowner in local civilian communities. Residents are responsible for, at a minimum, the following tasks:

- Cleaning carports, grounds, garages, storage spaces, porches, steps, walks, and driveways, including snow removal of assigned and common areas adjacent to the dwelling
- Cleaning interior surfaces of windows and those exterior surfaces that are readily accessible to include window tracks and window sills
- Cleaning of light fixtures and window blinds
- Completely removed by using a pet neutralizer service from a professional company
- Carpets must be professionally cleaned and a receipt must be provided at the final cleaning of the home
- Cleaning stoves, refrigerators, exhaust fans, dishwashers, sinks, tubs, plumbing fixtures, and other household equipment

Specific housing policies are found in the following sections in alphabetical order.

Absences

Residents leaving the installation for more than 1 week must submit a completed Temporarily Vacant form to the FCFH Leasing Office, giving the name and address of a designated person in the local area retaining keys to their home and be authorized to provide access for official reasons. Residents are responsible for the care of their home and grounds during periods of temporary absence. Residents should arrange with a responsible party to complete lawn care requirements, to check the home periodically for fire hazards, broken water lines, defective heating system, and vandalism. The Provost Marshal Office should also be notified during periods of prolonged absences. Residents are responsible for any damage or maintenance costs caused due to frozen and broken water lines, lawn upkeep and or replacement, and any other issues deemed to be the responsibility of the resident, if they do not follow the proper procedures to prevent the damage from occurring.

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- sheds, carports, garages, grounds, or landscape without prior approval. For example, residents cannot remove windows; install pet doors; alter, extend, or remove existing utilities; or erect or remove any structure without prior written approval
- Alteration of electrical, plumbing, heating, or other installed utility equipment is prohibited
 - Current installations that do not meet the specifications contained herein will be upgraded or removed. After written notice by FCFH, unauthorized, not maintained, or nonstandard alterations, equipment, or structures will be removed or upgraded by the resident. If not accomplished within 30 days, they could be removed by FCFH, on a case-by-case basis, and the resident could be assessed all costs, depending on circumstances
 - Any approved alterations must be put back to its original state at resident's expense prior to vacating housing or fees will be assessed during the final inspection

By submitting the Temporarily Vacant form, you are agreeing to the following:

- FCFH will be authorized to enter the home for any emergency situation that may arise during your absence
- A FCFH representative will be authorized to enter the home with the resident's designated representative on a periodic basis to endure that the residence is safeguarded and in good condition
- All sidewalks and walkways should be cleared of snow and other debris within 24 hours.
- All water hoses must be removed during winter months
- Newspapers should be stopped during times of absences

Appearance Standards

Fort Carson housing community has many families living in a small area. Each resident is expected to do his or her part to support the pleasant living environment. This includes performing normal routine maintenance as would be required off post and to minimize the cluttered appearance that occurs when toys and furniture are left unattended in the front yard. Bikes, toys, patio furniture, and lawn equipment, when not in use, should be stored or moved to the backyard. Patio furniture, used daily, properly maintained, and in good taste can remain on the front porch or yard area when not in use. Couches, chairs, or other furniture not built or intended for outdoor use is not authorized outside. **(examples: refrigerators, washer/dryers, recreational equipment, automobile parts, and storage shelves.)** Backyards, while not as visible as front yards, are still expected to maintain a neat appearance. Window coverings must be maintained in an acceptable condition, only FCFH maintenance staff will install blinds. FCFH is the final approving authority on appearance standards.

Failure to comply with these provisions may result in the termination of your lease.

Appliances

- All major kitchen appliances are provided in each unit. Existing electrical outlets are standard and will not be changed to accommodate any variances in plug design of privately owned appliances
- All stoves have a broiler pan located on the bottom of the appliance, they are not to

Alterations

- Residents are not permitted to make any physical or structural change to their home,

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be used for storage. **Residents are responsible for any damage that may result from improper use**

- Residents are responsible for the installation and connection of all privately owned appliances. No privately owned appliances or equipment will be installed that exceed the capacity of the utilities systems. If in doubt, contact the FCFH Leasing Office
- Gas operated clothes dryers are not authorized in family housing
- All FCFH owned appliances are not to be replaced with privately owned appliances

Assignment

All home assignments are initiated and maintained by the FCFH Leasing Office, Colorado Inn, 7301 Woodfill Road, Suite 103. 719-226-2268.

Attics

Some homes are equipped with attic access panels and may or may not have pull down ladders. These attic spaces and ladders pose many dangers; low visibility, unstable flooring, low clearance, low weight ratings, and extreme heat. These attic spaces have not been designed as storage areas. These areas are designed for maintenance and emergency response personnel only. For safety reasons, residents are not to enter these areas for any reason and storage of personal belongings in attics is prohibited.

Barbecue Grills

Barbecue grills are only authorized to be used/stored in the backyards. Residents are encouraged to enjoy summertime activities at Fort Carson. We ask that you be responsible while having barbecues in the housing community and follow the manufactures instructions for use of all types of grills. GAS GRILLS: All liquid propane (LP) gas cylinders shall be stored in accordance with manufacturers recommendations and local fire codes. Barbecue grills should only be lit by an adult, and must be supervised by an adult at all times. Barbecue grills shall be kept 10 feet from all combustibles including the building walls and privacy fences. Never use them under overhangs, porches, or carports. Never use gasoline as a charcoal starter. Do not store grills inside, in front of the house, or under the carport. Ensure coals are completely extinguished prior to disposal and before storing the grill. Coals will only be disposed of in non-combustible containers. Always make sure that LP-gas cylinder valves are turned off at the cylinder. Any damage to vinyl siding will be charged back to resident.

Basements

- Basements are authorized for storage and laundry use only. Unless modified by FCFH, basements may **not** be used for living areas. Accordingly, no one may sleep or live in a basement because this would present a serious fire safety problem. No partitions are to be constructed by the resident. During rainfalls, this area experiences problem with basements flooding. So residents are required to place all items on pallets, to include washers and dryers. Call our Service Desk, at 579-1605, for pallets, if they are not already in the basement. Claims for damages resulting from flooding where personal items were not placed on pallets will not be approved.

Ceiling Fans

No additional ceiling fans are authorized in family housing.

Child Care Businesses in Quarters

- Establishment of Family Child Care Homes in Family Housing is regulated by Army Regulation 608-10, under the supervision of Child Development Services. This regulation is applicable to military personnel and their family members residing in FCFH quarters on Fort Carson.
- Applications to operate a Family Child Care Home at Fort Carson may be obtained at Child Development Services, Bldg. 5510
- For information on being a licensed Family Child Care Home at Fort Carson, contact the Child Development Services located in Bldg. 5510, at telephone number 526-1101
- Family Child Care Homes are considered to be a private-ownership business. A Family Housing residence will not be adapted to accommodate a private business, although we will provide you with an additional trash container

Failure to comply with this regulation will result in termination of your lease.

Control of Children

Supervision - Children should be closely supervised at all times. Children under age 10 cannot be left alone in the home. Children under the age of 6 must be under a parent's direct control and supervision at all times.

Failure to comply with this policy may result in the termination of your lease.

Curfew Policy

Fort Carson has established curfew hours for juveniles on this post. These curfew policies are enforced by the Military Police. Juveniles found out after curfews are subject to detention by the Military Police and parents will be required to pickup their family members held under these curfew rules. The curfew policy is outlined in section 71 of this publication.

Failure to comply with this policy may result in the termination of your lease.

Energy Conservation

- The United States uses more energy per capita than any other nation in the world. Much of this energy is wasted. While we represent only 6% of the world's population, we consume 30% of the world's energy. More than half of the energy used in family quarters goes into heating. Heating water uses about 15%, lighting, cooking, refrigeration, and operating appliances account for the rest.
- Energy conservation is a key element in our country's effort to become "energy sufficient." Everybody wins with energy conservation. By using less energy, we save money. A good rule to follow in energy conservation is "Use utilities as if you were paying the bill."
- Residents are responsible for practicing energy conservation, avoiding waste, and abiding by installation energy management policies and procedures. The following basic policies are established with the understanding that a Housing Resident can conserve and reduce energy consumption without sacrificing comfort. Abuse of your energy resources may result in a quarter's warning letter
- Thermostats should be set back to 60° at night and 65°-70° during the day. If the quarters will be vacant for an extended period of time (weekends, holidays, or vacations) turn thermostats back to the lowest setting but not lower than 60° during the heating season to prevent water lines from freezing. While the quarters are unoccupied, it is a good idea to have a trusted neighbor or friend check the unit daily to ensure that the furnace is heating properly especially during extremely cold weather
- Windows and entry doors will not be left open when the furnace is running
- Storm windows and doors will be in place during the heating season
- Broken windows will be repaired immediately
- Open curtains during the day to allow sun's rays to help to warm rooms and provide light. Close curtains and window shades at night to minimize drafts. People sitting

near windows will be more comfortable

- Close off unused rooms and keep garage doors closed
- Supply registers and re-circulating grills should not be covered, even partially, or circulation of air will be retarded and heating efficiency decreased. Keep register and grill faces clean and dust/lint free. Vacuum cleaners are handy in doing this job
- Report missing filters immediately. If bedroom windows are left open at night, close bedroom doors, and be sure they fit tightly so that the rest of the house will stay warm. Also, turn off the radiator, or if you have a warm air heating system, close the register
- Water is one of the West's most valuable and limited resources. There are many things you can do to help Fort Carson reduce the amount of money expended every year for water
- Take short showers instead of baths. A bath uses 30-50 gallons of water, a short shower only 10
- Use water sparingly when brushing your teeth, washing dishes, or shaving
- Use water from the sink or tub to water trees and shrubs
- The resident will maintain lawns within their fenced in yard and landscaping. Water only during the designated times in the morning or evening. Some watering is also recommended during the fall and winter. If your yard has a sprinkler system it will run automatically. You are not authorized to water in addition to the sprinkler system, unless the system is inoperable. Please call in a work order if the irrigation system is not working properly.
- If you must water manually remember:
- Water in one location for no more than 15 minutes
- Watering Schedule:
 - Residential Even Addresses – water on Sunday and Wednesday
 - Residential Odd Addresses – water on Saturday and Tuesday
 - From April 15th through October 15th, watering only allowed between midnight and 9 AM, or from 6 PM and midnight on a residents designated watering day. Residents may water at any time on their designated day from October 16th through April 14th
 - Residents may water for a maximum of three hours per day on their designated watering day
- Do not water on windy or rainy days
- When watering lawns, adjust the spray to avoid water running onto the street, or onto driveways and sidewalks
- Leaking plumbing fixtures such as faucets and toilets will be repaired or reported immediately. A leaky faucet can waste up to 20 gallons of water per day, and a leaky toilet can waste up to 200 gallons each day
- Wait until you have a full dishwasher or washing machine before running them to save water and energy. If you have the ability to control the amount of water in your machines, use only the minimum necessary for cleaning. Use cold water as much as possible, especially when rinsing, to conserve energy. Let dishes air-dry

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- Instead of hot water, cold water should be used whenever practicable
- **Water restrictions are subject to change depending on weather conditions**
- Electric lights and appliances should be turned off when not needed. Keep all fixtures clean to improve lighting efficiency. An 80-watt bulb left burning all year will cost \$30 and require over 300 pounds of coal to be burned at the local power plant
- Turn off lights in unoccupied areas such as basement, garages, outdoor areas in daylight
- Lighting intensities should match intended purpose of use. High wattage bulbs, over 60 watts, should only be used where people read or do close work
- Defrost refrigerators regularly and periodically check door gaskets for wear
- If refrigerators or freezers break down or the electricity goes off for a substantial period of time, Residents should take measures to prevent food spoilage, i.e., use ice chests or a neighbor's refrigerator or freezer
- Many times a more energy efficient appliance will cost a few dollars more initially, but this may be more than offset later on by reduced operating costs. Check Energy Efficient Rating (EER) when buying any appliance. The higher the EER, the more efficient. Anything rated 8.0 or higher is excellent

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- **Flower Gardens:** Residents may plant annual and/or perennial flower gardens in beds adjacent to their quarters. An approved landscaping plan is required only if significant changes are being made of existing landscaping. The resident, at their expense, will return the altered area to its original condition prior to vacating quarters. Residents in new areas that remove landscaping plants will be charged for those plants – report dead plants to the Service Desk, 579-1605.
- **Vegetable Gardens:** Small vegetable gardens within back yards are acceptable. Areas used for gardening will be returned to original condition with grass following the end of season and at resident's expense.

Gasoline Storage

- Storage of gasoline or other flammable liquids is limited to three gallons. Gasoline should never be stored in the house – including the basement. Outside storage areas should be child proof. Storage of fuel will be in an approved Underwriters' Laboratories (UL) type container. Glass or open containers are not authorized for storing paint thinner, gasoline, and other flammable materials.

Fences

FCFH maintains fences. Call the Service Order Desk (579-1605) to obtain fence maintenance service.

Fire Evacuation Plan

Have a home fire evacuation plan with primary and alternate routes of escape in the event of a fire. Practice your plan as a family activity.

Fire Protection

The Fire Department is responsible for instructing residents on the procedures to follow in case of fire. Dialing **911** should be the residents' first response to observed fires. The sponsor should instruct family members in fire prevention.

Gardens

Holiday Season Lighting Policy

Residents are expected to comply with any policy on this subject issued by Fort Carson. In addition, decorative ornaments may be used in yards, providing they present no safety hazards to children, are in good taste, and meet commonly acceptable community norms. Displays are not allowed on rooftops nor blocking walkways. Displays must be removed within one week after celebration of the holiday.

Hot Tub/Whirlpools/Spas

Privately owned hot tubs/whirlpools/spas are not allowed in family housing, unless medically justified. Requests for approval to utilize such medically justified equipment must be coordinated with the FCFH Leasing Office prior to installation.

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Household Hazardous Waste

Household hazardous waste must not be disposed in trash containers, storm drains, sinks, toilet commodes, or on the ground. Paint and other hazardous waste can be turned in at the county's hazardous waste site; call DECAM for current locations. The weekly trash contractor will NOT pick up hazardous wastes.

Illegal or Unauthorized Activity

All residents, whether tenants or others residing with them in family housing, are required by their leases to refrain from illegal or unauthorized activity. Failure to do so may result in termination of the lease and/or limitation or denial of access to Fort Carson in addition to any other administrative, disciplinary, or criminal action taken by appropriate authorities.

Failure to comply with this policy may result in the termination of your lease.

Insurance

The Landlord does not provide any type of insurance for the Resident. Resident is required to obtain and maintain the below insurances throughout their lease term:

- Liability insurance with a minimum coverage of \$100,000
- Property insurance to cover personal property losses or damage

Resident must provide a copy of the Renters Insurance Declaration page to the Landlord as well as list the Landlord as an interested party.

Landscaping Responsibilities

Residents are responsible for policing and grounds maintenance of their areas, to include watering, mowing, clipping, trimming, edging, reseeding, weed eliminating, repairing damage from pets, daily policing of trash, and general neatness and cleanliness of area. This includes areas around trashcans, parking areas, and a point midway in an adjacent road and up to a common boundary or fence line. Lawn care equipment is the responsibility of the housing resident.

Alterations: Significant landscaping alterations may be done with the permission of FCFH, forms are located in the Leasing Office.

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Mowing: Residents are responsible for keeping their fenced in lawns neatly mowed at 3" to 4" in height.

Pets: Residents are responsible for repairing pet damage and for removing the pets' solid wastes.

Shrubbery: Residents are responsible for keeping their shrubbery neatly trimmed.

Watering: Please refer to the paragraph regarding energy conservation

Failure to comply with these provisions may result in the termination of your lease.

Litter Control

You are responsible for picking up trash that is in your yard. In Colorado, windstorms are a common fact of life and blow trash from one side of the post to the other. We appreciate you making your community better by policing up trash that blows in to your quarter's area.

Spring and fall cleanup periods help to further instill a sense of community and pride in our surroundings, but controlling litter and cleaning up should be daily activities in our lives.

Litter is misplaced, man-made, solid waste. Litter has become something that people have come to accept. That's why cleanup campaigns alone, like our Installation Cleanup, aren't really enough. What's needed is a program that gets to the root of the problem and changes the basic attitudes of people who litter. A litter free environment shows personal pride in where we live and where our children play and grow. Everyone must do his or her part to keep Fort Carson litter-free every single day.

You can help keep Fort Carson clean and beautiful all year round by following the easy steps below:

- Close trashcans and dumpster lids. If it is windy, you may use bungee cords to secure your garbage cans. Bag and tie all garbage and trash bags. Don't leave them sitting out for pets, wild animals, or the wind to ravage. Place trash inside dumpsters and close doors to prevent blowing waste
- Put a litterbag in your car, and use it. Don't pitch cans, cigarette butts, papers, bottles, or other trash out the window
- Recycling is encouraged at Fort Carson. Please refer to Fort Carson's recycling programs. Fort Carson Family Housing will provide recycling bins for curb side

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pick up, call the leasing office for additional information

- Set the example - pick up trash when you see it so your neighbors, friends, and children know that you care
- Coordinate and support the cleanup projects for your neighborhood

Lockout of Family Quarters

If a Resident requests the Community Office to unlock the door of a home, the following charges will be incurred:

-First lockout during regular business hours	No Charge
-Second lockout during regular business hours	\$25.00
-All after hours and weekend lockouts	\$50.00

A Resident listed on the Resident Responsibility Agreement must be present at the time that the door is unlocked and show proper identification.

Lost Keys

When keys are lost and/or a new lock set is required, the resident will be required to reimburse FCFH for materials and labor necessary to change the lock set. A request will be submitted to the Leasing Office for processing.

Maintenance and Repair

We can't fix what we don't know about. Call us at 579-11605 for service.

FCFH has the responsibility for the maintenance of all family housing on Fort Carson. Service calls are handled by contacting our Service Desk. The service desk has personnel ready to assist you 24 hours per day, 7 days a week, including holidays.

Our objectives for response to service requirements are:

- Promptly responding to service requests based upon priority of the requirements
- Providing 24 hour-a-day/seven days – per – week emergency service
- Accomplishing work with minimal disturbance to occupants
- Safeguarding property by rapid response
- Adhering to the highest quality standards for work performance

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- Window and exterior door and lock repairs
- Tree trimming posing a safety risk
- Electrical work posing a safety or fire risk
- Snow removal (secondary roads)

Routine Work – This includes maintenance and repair that does not meet the criteria for emergency or urgent priority. They will be completed within five working days from receipt.

Examples of Routine Work are:

- Summertime furnace outage
- Carpentry, paint, trim, pavement, counter, cabinet, flooring, electrical, plumbing, and other work involving appearance or function that does not pose a safety hazard or major resident inconvenience.
- Landscaping and recreation area maintenance not posing a safety hazard

Our Service Call Desk can be contacted at 579-1605 to request service call work or ask a question about priority designation. Additionally, our Operations and Maintenance Project Manager is available at 579-1606 to answer any policy questions or problems with regard to service call work or priority assignment for work requests. We are here to serve you.

Miscellaneous Structures

- Permission to construct structures, such as a doghouse, or child's playhouse, must be requested from FCFH.
- Resident-owned playground equipment may be erected in the backyard, providing equipment and landscape are maintained, it does not interfere with access to quarters, and it does not encroach on neighbors' areas.
- Attachment of basketball backboards to quarters, telephone poles adjacent to the quarters, clotheslines, carports, trees or garages is not authorized. Freestanding basketball goals are authorized, if placed so that vehicle and foot traffic is not unreasonably impeded (i.e., keep away from streets and walking paths).

Multiple Occupancy

Under your lease, your residence is primarily for the use of you and your family. Of course, you may entertain friends and family as occasional guests. However, no person other than your immediate family may reside with you more than 30 days without written authorization from the Leasing Office. The Leasing Office will limit stays to no more than 90 cumulative days within a 365-day period.

You are authorized to rent these quarters because you are a service member with a family, and because your rent payment is based on your BAH, any changes to your BAH status must be reported to the Leasing Office immediately.

Failure to comply with these provisions may result in the termination of your lease.

Noise Control/Quiet Hours

Excessive noise is a common complaint in high-density neighborhoods. Some soldiers and family members work night shifts and sleep during the day. Please be considerate.

- Parties- Many complaints can be avoided by informing your neighbors prior to having a party
- Citations: Creating excessive noise during "quiet" hours (2200-0600) could be a basis for a complaint of disturbing the peace and could result in punitive action. Violations should be reported to the Military Police at 526-2333

Failure to comply with these provisions may result in the termination of your lease.

Painting

All paint requests must be submitted and approved by the leasing office. If approved the resident is responsible for returning the painted area back to its original status or the resident will be held financially responsible for the re-painting.

Pest Control Service

Some pest control services in family housing are provided by FCFH. Should a family member be allergic to common pesticides or have any reaction at all please notify the FCFH Leasing Office so we may properly coordinate pest control spraying.

Control of cockroaches, clover mites, ants, earwigs, pill bugs, mice, wasps, bees, hornets, fleas, and other pests not considered a significant threat to health and property is the primary responsibility of housing residents.

In the event that proper application of pesticides over a reasonable period of time (30 days) fails to alleviate the problem, pest control services may be requested from FCFH by calling the FCFH work order service desk, at 579-1605. Pest controllers will treat the

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quarters or provide instructions for the continued use of resident provided materials. Scheduling of pest control treatments is accomplished following inspection of the unit to identify pests, determine extent and degree of infestation, and identify sanitation, structural, or maintenance problems contributing to infestation before treatments are scheduled.

Control of pests around the outside of quarters to include those in trees and shrubs is primarily responsibility of the resident. Residents are expected to:

- Maintain quarters in a manner to deny access, harborage, and sustenance to household pests
- Ensure that windows and doors are screened and fit properly
- Repair holes or cracks that permit access to quarters, or call the Maintenance Service Order Desk
- Ensure that minor cracks and holes inside the quarters are caulked or otherwise sealed
- Regularly remove excessive clutter in and around quarters, debris, weeds, dead leaves, pet droppings, trash, etc
- Protect food, especially starchy or fatty foods and pet foods, storing in pest proof containers
- Promptly clean up spilled food, crumbs, drink, or pet mishaps
- Clean kitchens after each meal, especially in areas where grease accumulates (drains, vents, ovens, and stoves)
- Wash and submerge dirty dishes in soapy water daily
- Empty garbage and cat litter box daily. Clean dog feces from yards daily
- Prevent unnecessary accumulation of soiled clothing, rags, corrugated paper boxes, newspaper, empty cans, empty bottles, and paper grocery bags in kitchens, baths, and laundry rooms
- Have leaks and dripping faucets repaired promptly
- Wipe or mop dry kitchen and bathroom surfaces before retiring
- Control minor infestations of nuisance pests before seeking FCFH assistance

Failure to maintain a home as described above may result in the termination of your lease.

Pets

Maintaining pets on Fort Carson is a privilege, not a right, and is subject to regulation and policy set by the Fort Carson Veterinary Treatment Facility (VTF) and Housing authorities. Pet owners who violate these provisions are subject to the forced removal of their pets from Fort Carson, or their removal from Family Housing.

Pet Deposits: Tenant shall be permitted to keep domestic animals as set forth in the Pet Addendum attached hereto. No other animals may be maintained or housed on the

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Premises, including the exterior thereof, without prior written consent of the Landlord. The Landlord, in its discretion, may require a pet deposit of up to \$500, based upon the size, type, number, and damage potential of pets allowed. As stated in the Pet Addendum, regardless of the amount of the pet deposit, the Tenant shall bear all legal and financial responsibility for any injuries or damage caused by such animals and shall comply with the provisions of the Resident Guide's specific details relating to the keeping of pets on the premises.

Abandoning: Abandonment of pets on Fort Carson is specifically prohibited. Animal owners who no longer desire to keep a pet or who are departing Fort Carson will not abandon any animal. Unwanted pets may be placed for adoption at the Fort Carson VTF or at the Colorado Springs Humane Society.

Aggressive Animals: Any dog that has a tendency to attack will be muzzled and kept on a short hand leash when out of quarters. Dogs that bite or chase people in an aggressive manner are considered a menace and should be reported to the military police at 526-2333. Dogs that are determined to be vicious will be removed from Fort Carson. The military police may apprehend any animal that is suspected of being a nuisance.

Bites: If your pet bites or scratches someone, contact the Fort Carson VTF immediately at 526-3803. An animal that has bitten or scratched someone will be examined at the VTF and placed on quarantine at home or at the VTF for a 10-day period. When the owner of an animal that has been involved in a bite/scratch incident is contacted by the Military Police or by the VTF personnel, the owner is required to transport the animal expeditiously to the VTF for examination.

Breeds: Fort Carson Chain of Command reserves the right to restrict certain breeds from being housed on Fort Carson. Please refer to the **Pet Addendum** for more information.

Commercial Breeding: The commercial breeding of any pets including birds, dogs or other animals and kennel type operations are prohibited in the housing area.

Exotic Animals Prohibited: No exotic or farm animals will be kept in the family housing area. Exotic animals are foreign or domestic wildlife, or unusual wild or dangerous reptiles and birds. Examples of exotic animals are falcons, ferrets, monkeys, raccoons, skunks, snakes, pot bellied pigs, hybrid wolves, iguanas and other animals not normal to a household.

Females in Heat: Female dogs and cats will be confined to the resident's quarters during their heat cycles.

Food and Water: Animal owners are required to provide adequate food, water, and

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shelter at all times. Physical abuse of animals is prohibited. Adequate shelter for animals, while subject to varying weather conditions, must provide protection for the animal from rain, snow, sun, and wind. A simple doghouse may provide adequate shelter if placed in a shady area. If the shelter you provide your pet with is not considered adequate by the VTF you may be cited for animal abuse and be subject to disciplinary actions. The Military Police may apprehend any animal that is suspected of being neglected or abused. Suspected cases of neglect/abuse should be reported to the Military Police at 526-2333.

Leash Laws: All dogs and cats being exercised outdoors on Fort Carson must be on a leash and accompanied by the sponsor or a member of the family old enough to control the pet. Pets observed running loose in housing areas will be picked up by the military police and impounded at the VTF.

Limitations: Residents of family housing are limited to two walking pets per family. Walking pets are considered dogs, cats or other pets that require exercise space. Turtles, birds, hamsters, etc. do not count against this limit; however, there is a reasonable limit on all pets in the household. Farm type animals (livestock, chickens, ducks, rabbits) and all animals not considered domestic pets are not allowed in family quarters on Fort Carson.

Lost Animals: Pet owners who have lost an animal should contact the VTF immediately at 526-3803 to inquire about missing animals. When notified by the Military Police or impounded, animal owners are required to claim their pet expeditiously. Stray animals should be reported to the Military Police at 526-2333.

Owner Responsibilities: It is the responsibility of the sponsor to ensure that pets are controlled in such a manner that they do not become a nuisance or menace. Excessive barking by dogs, and their defecating or urinating on playgrounds and lawn areas within fifty feet of quarters are considered nuisances. Any solid matter excreted by a pet anywhere on Fort Carson will be removed immediately and disposed of by the pet's owner. Pet owners will also remove fecal material from their own quarter's yard on a daily basis.

Owners have full responsibility and liability for the conduct of their pets. This includes full restitution for any damage to yards, quarters, etc., or hospital bills incurred as a result of injuries inflicted upon other residents' pets, which occur outside the confines of their yard.

Registration Requirements: All dogs and cats must be registered at the Fort Carson VTF within 10 working days of arrival on Fort Carson. Pet owners should bring vaccination certificates and records when reporting for animal registration. Aquarium fish, small caged rodents, and caged birds are exempt from registration requirements.

Termination: FAILURE TO ADHERE TO THIS POLICY AND REGULATION MAY RESULT IN TERMINATION OF PET PRIVILEGES OR TERMINATION OF YOUR LEASE.

Tethering/Caging/Fencing: Pets, when outside, must be confined to the owner's premises by a cage, or tether, which is properly secured to fixed object other than the exterior of the quarters. Pets will be tied or confined only in the backyard. Tethers will not exceed a length that would allow the pet to roam beyond the border of the owner's yard or sidewalks. Any tether used, however, must be a minimum of ten feet long. All means of restraint will conform to commonly acceptable humane practices.

Vaccinations: All dogs and cats must be vaccinated annually against rabies and receive the distemper combination vaccine upon reaching four months of age and then annually thereafter. All dogs and cats maintained on Fort Carson are required to wear a current rabies vaccination tag. The rabies tag must be securely attached to the animal's collar and worn at all times. Distemper vaccinations are also required. Contact the VTF at 526-3803 for more information.

Vet Service: The Fort Carson Vet Treatment Facility is located on the corner of Nelson and Harr in Bldg. 6001. Hours of operation are Monday-Friday 0730-1200 and 1300-1600. The clinic is operated on an appointment-only basis. Call 526-3803 for more information.

Failure to comply with these provisions may result in the termination of your lease.

Petroleum Oil Lubricants (POL)

No POL of any kind should be changed in any vehicle component within the housing area.

One quart of motor oil, when completely dispersed, can contaminate as much as two million gallons of drinking water. Oil disposed of on the ground can be toxic to plants and animals. If motor oil is disposed of, down the drain in housing areas, it can disrupt the biological processes at the Fort Carson sewage treatment plant and contaminate Fountain Creek and beyond. Antifreeze is extremely toxic to pets and wildlife and should never be disposed improperly.

POL must not be disposed of in trash containers, sinks, storm drains, or on the ground. The Fort Carson Auto Craft Shop recycles used oil and anti-freeze if it is changed at their facility.

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DECAM will also be able to provide you with more information on POI's.

Report POL spills to FCFH Service Desk (579-1605).

Playgrounds

The streets and your neighbors' yards should not be used as your child's playground. There are playgrounds in each housing area.

Playground equipment swings, slides, etc. are fixed in place and are not to be removed, relocated, changed, or altered. No personal equipment will be installed in the playgrounds. In the event of mistreatment of or damage to any playground or village equipment by themselves or any other resident of their housing unit, tenants will be held financially responsible and will receive a notice of violation. Tenants and/or the offending resident of their housing unit may also be subject to disciplinary or criminal action, termination of their lease, and/or have their access to Fort Carson denied or limited.

Clean up playgrounds after each use. Do not litter or leave trash; and please, no bottles or other breakables.

Please report damage to playground equipment to the FCFH service desk.

Preventive Maintenance

Residents of Family Housing are responsible for those preventive maintenance measures, repairs, and general upkeep that the average homeowner could reasonably be expected to carry out. These responsibilities begin with initial occupancy and continue until residents vacate quarters.

Recycling

The Installation Recycle Center is located near Gate 3 in Bldg. T-155. Deliveries are accepted during published operating hours. There is also drop-off containers located throughout the post and outside the Recycle Center gate for after hour deposits. Recyclables currently collected by the Fort Carson program are paper products such as cardboard, white paper, colored paper, computer paper, and cards and newspaper. (Almost half of all municipal solid waste is paper) The Center also collects aluminum cans. Businesses located in the surrounding area recycle plastic, glass, tin cans, and other metals such as copper and brass. Until Fort Carson expands its recycle program

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to include these materials, resident are encouraged to recycle them locally. The proceeds from the program are returned to the installation for environmental, energy conservation, and safety projects. For more information, call the Recycle Center at 526-5898.

Participate in the FCFH recycling program by filling out the form at G-13. Recycling bins will be dropped off along with an instruction sheet.

Refuse Collection

Refuse is collected once a week. Residents will be informed of the schedule for their area at the initial quarter's assignment inspection. Questions concerning refuse pickup should be directed to FCFH at 579-1605.

Wet refuse and kitchen waste should be securely wrapped prior to placement in refuse container.

Leaf and grass clippings should be placed in sealed plastic bags inside or outside the refuse containers. Areas around refuse containers must be maintained in a high state of cleanliness at all times.

Large items that exceed the capability of the refuse collector, such as old furniture, appliances, etc., can be placed on your curbside for bulk pickup on Monday, Tuesday, Wednesday, and Friday. No trash pickup or bulk pickup on Thursday, therefore no trash totes or items for bulk pickup will be placed out for pickup on Thursday.

Refuse and recycle receptacles should be placed on the street in front of your quarters on the day of collection not later than 0700, and pick up as soon as possible after being dumped on the day of collection, but not later than 2100 hours that day. Receptacles should not be placed on the street the night prior to scheduled pickup. FCFH reserves the right to haul trash totes away if they are out at any unauthorized time. Residents may be held responsible to pay a fee to get the trash tote back and will be responsible for picking it up and taking it home. Receptacles should be maintained in a clean and functional state at all times.

Receptacles should be kept in the rear or on the side of the quarters or in the designated area if one exists. Receptacles should be picked up and returned to your storage area NLT COB on the day of trash pickup.

The contractor will replace refuse receptacles if they become unserviceable through fair wear and tear. Housing residents will be held liable for containers if they are damaged beyond fair wear and tear, or if they are lost.

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The contractor will empty no refuse container, bag, or receptacle weighing more than 50 pounds. Containers deemed to weigh more than this amount will be left untouched and the responsibility for removal will remain with the resident.

Refuse Collection Schedule:

- Monday: 4300, 4400, and 4500 Areas
- Tuesday: 4600, 4700, 4800, 4900, and 5540 through 5569 areas
- Wednesday: 5500 Areas (Except 5540-5569), 5600, 5700, 5800, and 5900 Areas

Thursday: No trash pick-up on this day

- Friday: 6300, 6400, 7000, 7100, 7200, 7800, 7900, and 1-58 Areas
- **If a holiday falls on trash collection day, the trash will be collected on the next regular working day. If you have questions on trash collection, call FCFH Service Desk**

When recycle bins/trash cans are missing due to windstorms or theft, the resident must report such loss to FCFH Leasing Office. If recycle bins/trash cans are missing due to windstorms, the resident may be held responsible for payment of the recycle bins/trash can

Self-Help

FCFH maintains a small self help warehouse in Building 6271 for the use of residents in maintaining their assigned residence. If something requires repair or attention please contact the FCFH service call desk for scheduling.

Residents are expected to perform simple self-help tasks. Examples of self-help that should be accomplished by Resident are bringing broken storm window inserts and torn screens to Building 6271; controlling ants, roaches, and other household pests; replacing light bulbs, and other similar work to maintain quarters in a proper state of repair and maintenance. Some parts and supplies are available from Self-Help store, Bldg. 6271.

Solicitation

Information and processing of requests by commercial activities must be initiated through the Directorate of Community Activities (DCA), Personnel Services Assistant at 526-0437. AR 210-7 governs commercial solicitation on a military installation. If you have someone at your door soliciting, ask him or her for his or her permit. If they don't have one, call the MPs at 526-2333. The one exception to this rule is children that live in

the same general part of the housing area may solicit for non-profit groups i.e., schools or scouting groups.

Storage Sheds – Resident Installed

- Permission to emplace a storage shed must be submitted to the FCFH Leasing Office. Construction may not start until approval is granted. Storage sheds will be located in the rear yard only. Only one storage shed is allowed per house.
- The shed may be no larger than 10' x 10', pre-painted (paint will coordinate with housing area's color scheme) non-corrosive vinyl, metal or wood; commercial product with strength suitable to withstand ice, snow, and wind load conditions; and anchored to ground. Electric lines will not be run to storage sheds and they will not be heated. Nothing will be placed on top of shed. Satellite dishes may not be placed on sheds.

Residents are liable for any damage or injury caused by the structure. Sheds must either be turned over to the next resident by way of a written acknowledgement and acceptance letter signed by the incoming resident or be removed with the bare ground beneath the shed repaired with sod or grass growing, at resident's cost, prior to clearing housing.

Stray Animals

Stray dogs and cats should be reported to the Military Police at 526-2333.

Subletting

Personnel assigned to family residences are not permitted to sublet or receive reimbursement for shelter from other persons who live in the residences. Only the leaseholder and dependents are allowed to occupy the premises.

Surge Protectors

The power provided to FCFH by Fort Carson has the tendency to fluctuate between 110 and 126 Volts. This can cause damage to electronic components. Residents are advised to use surge protectors to protect electronic equipment (stereos, TVs, typewriters, computers, etc.) from damage caused by voltage fluctuations. It is the resident's responsibility to purchase surge protectors. FCFH is not responsible for damage to appliances or equipment due to high or low voltage or power fluctuations.

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Swimming Pools

Given the family nature of our housing, use of small, well-maintained swimming pools are authorized. Due to the small yard size and damage to grass, pools greater than 10 feet in diameter and 2 feet in depth are prohibited. Following use of the pool, yards will be returned to their original condition and any damaged grass will be reseeded.

Due to safety concerns, swimming will only be located in the backyards and will be emptied when not in supervised use.

At times of restricted water use, additional policies may be set forth by FCFH.

Trampolines

Due to liability and safety issues, trampolines are not permitted in the family housing areas.

Tv – Cable

Cable TV outlets have been installed in each set of quarters at Fort Carson, additional outlets are not authorized.

Resident desiring CATV service may contract with Charter Communications at 576-7404 to have jacks activated. Charter Communications is a private corporation and not an instrumentality of the Federal Government. If cable TV service is desired, residents must use Charter Communications.

TV – Satellite Systems

Satellite Systems are authorized at Fort Carson. Satellite dishes that are no larger than one meter in width may be approved for installation. However, in order to ensure installation does not damage housing units or detract from the appearance of the unit or the community, Fort Carson Family Housing (FCFH) must approve satellite dish installation. Installation requests are available at the Leasing Office.

Satellite dishes must be removed prior to termination of quarters and any damage

resulting from the installation repaired. Residents are liable for any damage or injury that may be caused by their satellite dish. Any audio or visual interference caused by the antenna must be corrected. As the television cable infrastructure is installed, maintained and owned by Baja Communications, satellite systems may not connect into the home's cable television system. Baja Communications reserves the right to remove unauthorized tap or attachment to their cable system. If reception cannot be established in accordance with FCFH guidelines a satellite will not be authorized.

Utilities

All utilities are currently included in the BAH with the exception of TV cable service, Internet access and telephone service. It is the Resident's responsibility to make arrangements for TV cable, Internet access and telephone services. Phone numbers are found in the reference section at the end of this guide.

Further information can be found in the Utilities section of your Lease.

Vehicles

Residents are allowed up to two operable, registered, and licensed personal vehicles in any housing area.
Commercial vehicles are not authorized to be kept in the housing area.

Inoperable, unregistered, unlicensed, or abandoned vehicles will be towed away, with towing cost paid by the owner. An abandoned vehicle is defined as one that has expired tags, expired or no post registration, or is left unattended for over 30 days.

Insurance: Owners of motor vehicles are required by state law and military regulations to maintain liability insurance on their vehicle at all times. To protect vehicles against theft and damage caused by vandalism, severe weather, or hit and run accidents, owners should maintain comprehensive and collision coverage. Insurance coverage should meet or exceed Colorado State Law.

Go Carts: Go carts or other gas powered toy cars or vehicles will not be used on Fort Carson roads.

Parking

- Vehicles should be parked in authorized parking areas. Residents will park their vehicles in assigned parking space for each housing unit. Visitors and additional vehicles may be parked in unassigned, available spaces

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- Vehicles will not be driven or parked on any unpaved area
- On-street parking is authorized where designated. Vehicles must not impede the normal traffic flow, or block fire lanes. Residents should note that parking might not be permitted on both sides of the street
- To allow full use of the neighborhood's sidewalks by pedestrians and children riding bicycles, scooters and roller skating and so on, as well as minimizing the potential to damage vehicles; vehicles will not be parked on or across sidewalks. For example, if parked in a driveway, the vehicle will not cross a line extending from sidewalk to sidewalk. If parked along the curb, the vehicle wheels will be clear of the sidewalks

Recreational Vehicles

- Recreational vehicles are self-propelled or towed vehicles designed to be used for recreational rather than for transportation purposes
- Towed recreational vehicles, utility trailers, un-mounted truck camper bodies; self-propelled RV's and boats will not be parked in any housing area except during weekends, or for a 24-hour period before and after use
- A recreational vehicle/equipment storage facility is located adjacent to Bldg. 6074 and is intended as a storage for Fort Carson active duty military personnel, their families, and retired military personnel who require a place to store equipment such as motor homes, camping trailers, boats/motors, and camper shells/toppers
- Self-propelled recreational vehicles that are used as a primary means of transportation may be parked in housing areas as long as there is space for the vehicle, and it is indeed used for transportation. Vehicles observed in the housing areas that are not moved will be subject to citation

- Recreational vehicles must be stored within 7 days of occupancy of family quarters. Residents may store their vehicles at the Outdoor Recreation Storage Yard. For more information, contact the Outdoor Recreation Branch. If the storage yard is full, residents are responsible to obtain storage space off post

Registration Requirements: Fort Carson requires everyone living or working on Fort Carson to have their vehicles registered; registration must be current and up to date at all times. Proper tags must be displayed.

Repair of vehicles: With the exceptions of tire changes and simple preventive maintenance measures, repairs will not be conducted in housing areas. Repair will be accomplished in the Auto Craft Shop, to include changing oil and other POL fluids. All materials will be properly disposed of; you may not place POL or other vehicle fluids in the trash.

Speed Limit: The speed limit is 20 MPH in all housing areas unless otherwise posted.

Washing: Vehicle washing is authorized in family housing areas, only on paved

- Surfaces. However, keep in mind that detergent, small amounts of oil and grease and dirt are deposited in the storm drainage system. These pollutants contaminate water and can plug drains, so that rainwater and snow melt do not drain away properly. Limit the amount of detergent you use and always turn off the water hose when it is not in use. Residents are encouraged to use commercial car washes for extremely dirty or grimy vehicles, since wastewater from these facilities is treated to control pollution. Adherence to Fort Carson water usage restrictions is mandatory.

Failure to comply with this policy may result in the termination of your lease.

Waterbeds

- Because of structural loading on floors, waterbeds are NOT recommended in family quarters. Waterbeds could damage floors and cause safety hazards if placed in quarters. However, if your family desires to have a waterbed you will need to fill out a request form at the Leasing Office. We recommend additional renter's insurance, as you will be liable for any water or structural damage caused by the bed.

Weapons

- All privately owned permitted weapons must be registered with the Provost Marshal's Office within three working days.

- **E4 & Below:** All soldiers in the grade of E4 and below must have their Commander's authorization, in writing, to store privately owned permitted weapons in their residences. Commander's should review this authorization annually

E5 & Above: Soldiers in the grade of E5 and above may store their privately owned permitted weapons in their residences

Weeds in Lawn

Weed control is the responsibility of the residents.

Wildlife/Nuisance Animals

Quarters are situated among natural areas. Wildlife visitors are a common occurrence;

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enjoy them. Do not attempt to control birds nesting on or visiting your quarters. With few exceptions, State, Federal or International laws protect birds. Unauthorized destruction of birds or their nests could result in fines or other legal action. Coyotes and foxes are frequently seen hunting for rodents, their normal food. Do not leave pet food or small pets out at night. These will attract coyotes and foxes to your quarters. Contact the Fish and Wildlife Branch at 576-8074/8075 for more information.

Yard Decorations

Decorative ornaments may be used in yards, providing they present no safety hazards to children, are in good taste, and meet commonly acceptable community norms.

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enjoy them. Do not attempt to control birds nesting on or visiting your quarters. With few exceptions, State, Federal or International laws protect birds. Unauthorized destruction of birds or their nests could result in fines or other legal action. Coyotes and foxes are frequently seen hunting for rodents, their normal food. Do not leave pet food or small pets out at night. These will attract coyotes and foxes to your quarters. Contact the Fish and Wildlife Branch at 576-8074/8075 for more information.

Clearing Policy

General Policies

- You must provide *written* notification of your anticipated departure at the earliest possible date; but no later than 30 days prior to departure or you may be held financially liable.
- Inspections must be scheduled with the Leasing Office at 7301 Woodfill Rd #103, in person.
 - One copy of the housing inspection checklist will be given to the sponsor to accomplish listed self-help maintenance.
 - One copy of the housing inspection checklist remains with the inspector for use at final inspection.
 - The Housing Consultant will provide the sponsor with the requirements for final clearance of quarters.

Final Inspection

- Leaseholders will be present at the time of the final quarter's inspection, unless the Leasing Office has granted prior approval for the leaseholder to be absent.
- All personal property must be out of quarters at the time of the final inspection. All FCFH property must be in quarters or accounted for prior to final inspection.
- Termination orders will not be issued until after the Housing Consultant clears the quarters. The Housing Consultant will not clear a resident until the quarters are thoroughly cleaned, or the resident has paid for the cleaning contractor and met minimum requirements.
- There is no requirement to hire the contract cleaning company. The standards are identical, whether the resident or the contract cleaning company cleans the quarters.
- You will not clear Housing until all financial obligations are paid in full. This includes, but is not limited to, any outstanding rents, lease termination fees, damages, maintenance, cleaning, or less than 30-day notice penalties.

Re-inspection

Residents requiring a re-inspection will reschedule with the Leasing Office in person, no sooner than 4 hours later the same day. If there is no open schedule time that same day, re-inspection of the quarters will be conducted the next available appointment.

Liability for Damage or Loss

Resident may be held liable for damage to quarters, quarter's area and loss or damage to appliances and equipment, resulting from acts of negligence or abuse. This liability includes damage and stains caused by pets, damage done by marking on walls, campouts, or attaching such items as nails, contact paper, hooks, shelves, or stick-on to

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walls, floors, fixtures or appliances. Residents are responsible for removing all stains in the carports, driveway, and patio areas.

- Fort Carson installation clearance papers will not be stamped until reimbursement has been made in full to cover costs of damages or losses.
- When residents do not clean family quarters, the quarters will be cleaned by a contract cleaning company and must be paid in full prior to final inspection.
- Residents will be given only three chances to properly clean quarters. After the third failure, the keys to quarters will be turned over to the housing inspector. Damages and cleaning charges may be assessed at that time, and the resident must pay before clearing quarters.
- Failure to be present at a designated final inspection will be considered as a failure.
- Clearance papers will not be stamped until the quarters pass the final inspection, and damages and losses are paid in full.

Paying For Damages

Residents must pay for damages by credit card, certified check or money order made payable to "Fort Carson Family Housing". The FCFH Community Manager or Project Director will review request for relief or for release from liability.

Keys

Residents will return all keys issued to the housing consultant at the final inspection. Inspectors will ensure all originally issued keys are available at the start of the termination inspection. Should there be a shortage of one or more keys, the resident will be charged a fee for replacement of all locks. No unauthorized duplicate keys will be accepted. The fee will vary depending on the current replacement and labor costs for your particular housing area.

Carpet

Carpeting must be professionally cleaned and dry at the final inspection. Resident must provide a receipt for carpet cleaning. If you have pets, it is highly recommended that you purchase the "pet scrub" when you get your carpets cleaned. If additional pet damages are found after move out, (stains under the carpet, damage to padding) you will be held liable. It must be free of all stains, odors, and damage. Resident will be held liable for any damage to the carpet. A black light may be used at the pre or final inspection if any damage is suspected.

Cleaning Quarters When Terminating

- Our Operations and Maintenance division has subcontracted with local small businesses to clean quarters at reasonable rates. Rates are on the current cleaning form that is available at the Leasing Office.
- You have three options for cleaning your quarters:
 - The resident can clean the quarter's him/herself
 - The resident can hire his/her own cleaning team

Citation Policy

Your Obligations

By signing your lease, you, and those who live in your housing unit with you, have agreed to abide by its terms, including the provisions of this Resident Guide. As a soldier, you are also required to comply with all applicable laws, regulations, policy letters, and orders. Civilians who reside with you are also subject to both the terms of your lease and this Resident Guide and applicable laws and regulations while on Fort Carson. Civilian residents of your housing unit are subject to criminal prosecution for violation of applicable laws or regulations such as vandalism or theft. As a result of these violations, Fort Carson command authorities may also deny or limit access to Fort Carson of the violators. These violations may also be considered a breach of your lease, resulting in our terminating it.

Enforcement Authorities

We, as your landlord, may issue notices to you of violations of your obligations under your lease or this Resident Guide such as failure to maintain your yard properly, maintaining unsanitary conditions or causing damage to the interior of the quarters. These violations may, at our discretion, result in termination of your lease.

Fort Carson command authorities may take administrative or disciplinary actions against soldiers violating applicable laws, regulations, or orders such as creating a disturbance in the housing areas, traffic or parking violations, or more serious crimes. These violations may also be considered a breach of your lease, resulting in our terminating it.

Notice of Violations

We, as your landlord, may issue notices for violations of your obligations under your lease or this Resident Guide. For more serious violations, we may terminate your lease without previously issuing notices of violations.

Fort Carson command authorities may likewise choose to issue citations and warning letters or take more serious action, depending on the severity of the violation and the number, if any, of previous violations.

The Command citation policy is as follows:

- Three citations and resident will receive 1st Warning Letter.
- Two citations after 1st Warning Letter, resident will receive 2d Warning Letter.
- One citation after 2d Warning Letter, resident will receive a Final Warning Letter or possible Termination of quarters.
- Blatant disregard for the rules and regulations of Fort Carson by any member of the family, regardless of the number of warnings previously received, is grounds for termination of the privilege to live on Fort Carson.

Family Member Policy

Responsibility for Family Members

Military sponsors are responsible for the safeguarding and control of all family members. Sponsors will ensure that children do not enter any off-limits area, or areas that could be dangerous to the life or health of the child. While in their own residence area, sponsors will exercise all necessary care to prevent damage to property and injury to residents. All potentially dangerous items, such as matches, drugs, poisonous materials, flammable materials, etc., will be kept out of the reach of children at all times.

Sponsors should be judicious in their choice of childcare providers and ascertain that the provider has sufficient maturity and sense of responsibility to properly care for children. See the INSTALLATION HOME ALONE/CURFEW POLICY.

All child care providers, whether attending younger children in their own or another family's quarters, will be at least 12 years of age and must be certified by the American Red Cross Babysitting Course through the Child Youth Services Center.

Sponsors will ensure that their children respect and do not damage private property. Fireworks, air rifles, pellet guns, and all firearms will not be discharged anywhere within family housing areas.

All Fort Carson residents are required to wear helmets while bike riding, skating, and skateboarding in accordance with Fort Carson Regulation 190-5. Pads for inline skating and skateboarding are strongly encouraged.

Juvenile Curfew Policy

The need for increased parental control over juvenile family members to ensure their safety, protection, and conduct, as well as the need to protect members of the Fort Carson Community from the misconduct caused by unsupervised juveniles, requires the imposition of an installation-wide curfew for unmarried family members under the age of 18.

Unmarried civilians under 18 years of age will not be in a public place on Fort Carson during the following hours:

- Sunday through Thursday, 2200-0600 the following morning (Monday through Friday, respectively)
- Friday and Saturday, 2400-0600 the following morning (Saturday and Sunday, respectively)

For the purpose of this policy, a "public place" is any location other than one's own living

Terminating Your Lease Policy

Please keep in mind that you have signed a lease for your home. You are required to abide by the terms of that lease and this Housing Guide, and your lease may be terminated for any violation of those terms. The following are other examples of some of the circumstances under which your lease will be terminated.

Please note that all of these examples assume that you have complied with the lease provision to provide 30-day notice. This notice requirement is strictly enforced so that we release your home to another soldier and his family.

Upon PCS, ETS or Retirement of The Sponsor

Final inspection of quarters is required prior to service members' departure. If PCS orders authorize retention of quarters under the deferred travel or home base/advance assignment program, inspection of the quarters is required for retention approval.

Sponsor Is No Longer Eligible For The Quarters

If the sponsor is no longer eligible for quarters, the sponsor must terminate and depart within 30 days.

Sponsor Or Family Members No Longer Reside In The Quarters

Without an approved temporary vacate quarters request on file, absence of either the sponsor or spouse and children for a period of 45 days or longer is considered a permanent absence. When such a permanent absence exists, your lease will be terminated.

Serious Misconduct Of The Sponsor And/Or His Family Members

Serious misconduct of the sponsor and/or his family (e.g. repeated failure to control pets or the accumulation of three or more housing warning citations) may be considered a breach of the lease subjecting it to termination.

Voluntary Termination

- Sponsors may request voluntary termination of their lease to move to civilian quarters by notifying the Leasing Office, in writing, at least 30 days before termination is desired. The move of household goods will be at the expense of the sponsor unless the move is determined to be for the convenience of the Government, i.e. at retirement or upon PCS. Requests for exceptions should be submitted to the Leasing Office well in advance.

- Voluntary terminations will not normally be granted until the initial lease term (typically 12 months) has expired.
- If less than 30 days notice of departure is given, and sufficient justification does not exist, the sponsor will be liable to pay rent for the entire 30-day period in addition to a lease termination fee.

Non-Payment of Rent

You are responsible for paying your rent. By signing your lease you agree to allot you're BAH to Fort Carson Family Housing, LLC. In those instances where the BAH was NOT allotted to Fort Carson Family Housing, you are responsible for paying the rents due no later than the 5th of the month by certified funds.

If rents are not paid by the 5th, you will receive a letter directing that you either bring your account up to date or vacate the quarters. If you do not promptly bring your account up to date or vacate your home, FCFH will terminate the lease, pursue civilian court action to recover the amounts due and/or evict you as soon as possible, and refer the matter to the Garrison Commander for appropriate administrative or disciplinary action.

Lease/Resident Guide Violations

We expect you to be a good neighbor and that you wish to live near other good neighbors. With very few exceptions, our residents enhance the community. Those exceptions will not be tolerated, as they not only detract from the overall appearance of the neighborhood; but they also create unsafe or undesirable conditions that adversely affect their neighbors' ability to enjoy their homes. Accordingly, we will terminate the lease to protect the community.

Termination Fee

Should a resident terminate their lease prior to one full year of occupancy, a Termination Fee will be charged. This fee does not apply in cases of family separation or deployment / PCS orders of deployment of 90 days or longer.

Housing Programs

Mayoral Program

The Family Housing Mayoral Program is an integral part of the Army Community Service Volunteer Support Program. Mayors are appointed to their housing positions after being nominated and elected to the position. Mayors promote harmonious living conditions in their villages and are key members of the Commanding General's chain of concern on Fort Carson. The Mayors Program operates under the guidelines established in FC Reg 608-1.

Yard of the Month

A Beautification Program has been established to recognize those families maintaining or improving the exterior landscape at their quarters in an "Outstanding" manner. Landscaping criteria considered in the judging will include front and back yard appearances, grass areas, trees, shrubs, bushes, and flower plantings.

Fort Carson is responsible for the program, assisted by each and every resident.

All residents are encouraged to contact the Village Mayor with suggestions or recommendations for improving the appearance of the housing area.

Fort Carson recognizes the "Best Yard-of-the-Month" in each of the fourteen villages. This competition runs throughout the year. Winners receive special recognition with certificates, yard signs and donations from various community agencies.

Maintenance Tips

Do's & Don'ts

Toilets

Do's:

- Use it for normal body waste and tissue paper.
- You can also use it to dispose of small amounts of household cleaners such as cleanser, bathroom cleanser, Pine-Sol, or bleach.

Don'ts: Absolutely no flushing of the following items:

- No feminine hygiene products.
- No nylon reinforced paper rags, cloth rags, or material of any kind!
- No petroleum products (oil, gas, antifreeze, brake fluid, etc.).
- No paint (lead or oil), thinners or solvents.
- No industrial chemicals, pesticides, or herbicides.
- No needles (insulin, etc.).
- No medicines of any kind.

Kitchen and Bathroom Sink Drains

Do's:

- All soaps are acceptable.
- All food items should be put down the drain on the garbage disposal side with hot water.
- Place grease in a separate container. Let it harden, and then dispose of with trash.

Don'ts:

- No rice or coffee grounds.
- No petroleum products (oil, gas, antifreeze, brake fluid, etc.).
- No paint (lead or oil), thinners or solvents. No chemicals, pesticides, or herbicides.
- No needles (insulin, etc.).
- No medicines of any kind.
- No toys or other foreign objects of any kind.

NOTE: The unacceptable items mentioned above are to be disposed of properly in the trash, recycle centers or as outlined in other areas of this guide.

Seasonal Maintenance – Fall/Winter Maintenance (Sept through Apr)

Winterization Preparation

Preparation of the housing unit building winterization of the building conserves energy

Balfour Beatty Communities

Balfour Beatty Communities

and makes the living quarters more comfortable. Thermostats should be set no higher than 70° during the day and set back to 60° at night. Several methods that the resident can utilize to retain heat in a home include opening drapes at south facing windows during daylight hours to allow for passive solar heating, and sealing doors and windows to provide airtight enclosures. Call maintenance work order phone, 579-1605, if doors and windows admit cold outside air.

Exterior maintenance for housing unit building and grounds

Remove hoses and drain outside faucets. Drain and store the hoses indoors or in storage sheds to prevent freezing and cracking. Residents are responsible for damage to water pipes and hoses due to failure to properly drain and winterize. Leaks may not appear until the outside temperature rises and melts frozen water in the faucets and water lines.

Snow must be cleared from sidewalks, steps and driveways within 24 hours of the end of the snowfall. Residents will be held responsible for any injuries caused by failure to clear snow. The area of responsibility is the same as for lawn/yard care and maintenance.

Ice above doorways and driveways should be removed to prevent injuries.

Residents shall rake leaves in the fall and place in bags for trash removal.

It is recommended that residents water lawns and shrubs at least twice during the Fall/Winter season. Snowfall at Fort Carson generally does not provide enough moisture to adequately nourish grass and shrubs. Remember to remove, drain and store hoses after use.

Change batteries in all smoke detectors and carbon monoxide detectors.

Field mice and other vermin often seek the warmth of basements and storage sheds. Mousertraps are available in the Self-Help Store.

Seasonal Maintenance – Spring/Summer Maintenance (Apr through Sept).

Resident Responsibilities

Residents are encouraged to landscape their yards. The FCFH must approve significant changes to the current landscaping. Residents should come to the FCFH Leasing Office (7301 Woodfill Road, #103) with a diagram showing the proposed layout, and fill out a Request for Landscaping. After approval, the original will be placed in the housing unit folder and a copy returned to the resident.

Residents are responsible for the upkeep of lawns within the perimeters as instructed at assignment. Lawn mowers are an individual responsibility. Residents are responsible for maintenance of grass in their yards; grass seed is available at the Self-Help Store for residents use.

Residents are responsible for the maintenance/trimming of shrubs, and edging of sidewalk. The resident should trim broken tree branches or limbs lower than 6 feet above the ground. Above this height, FCFH personnel will trim branches and trees.

Safety Tips

Fire Prevention Recommendations

The Number One cause of fires on Fort Carson is unattended candles. Please extinguish candles, incense, lamps, and so on before leaving the home or turning in for the night or a nap.

Fire prevention inspections frequently show the following recurring deficiencies; avoid these circumstances:

- Storage of flammable materials within three feet of hot water heaters or furnaces.
- Storage of combustible materials under stairwells.
- Storage of gasoline or other flammable liquids in unauthorized conditions or containers.
- Smoke detector not working properly.
- Extension Cords:
 - Extension cords should be eliminated wherever possible through relocation of portable appliance, furniture, benches, etc.
 - Where extension cords are deemed necessary and are left in place, they should not exceed ten feet in length; be free of breaks and splices; not be secured by nails, staples, or run through walls, windows, doorways, or under rugs/pads.
 - An extension cord should not be smaller in thickness than the appliance cord it serves.
 - An extension cord should not service more than one fixture or appliance.

Smoke Detectors

Smoke detectors are installed in all family units on Fort Carson. With proper care and preventive maintenance, the detector should give sufficient warning of fire to allow the resident to exit from the unit safely. It is the responsibility of the resident to periodically check the detector for operation status. Any defective detector will be reported to the Maintenance Service Desk.

Natural Gas

Family housing units use natural gas for heating, domestic hot water, and cooking. Gas is odorless; however, a harmless chemical odorant (makes it smell like rotten egg) is added to the gas so you and your family may detect even the smallest gas leak. Investigate if you ever detect faint whiffs of the odorant. If possible, "follow your nose" to the source. It may be only a stove pilot light that is out or a burner valve that is partially turned on, something you can easily and safely correct. If the source cannot be located or if the odor persists, call the Maintenance Service Order Desk, 576-1605. Any suspected major leak should be reported immediately by calling 911.

Small Arms Ammunition

Within family quarters, all small arms ammunition, smokeless powder, and primers shall be stored in metal containers. Residents shall notify the Fire Department, 526-9356 of the number of rounds of ammunition in their quarters. Location of these items within the quarters shall also be reported. Black powder storage in all billets and family quarters is strictly prohibited.

Balfour Beatty

Communities

Balfour Beatty

Communities

Key Telephone Numbers

EMERGENCIES

AMBULANCE

EMERGENCY REPAIRS

911

579-1605

7111

FIRE REPORTING

MILITARY POLICE

ACS Outreach (Mayors)

American Red Cross

Army Community Service (Info)

C.O.P.S. (Community Oriented Police Station)

CDC – West (Full Days & Hourly Care)

CDC – Annex (Kindergarten/Pt Care)

CDC – Admin Offices

Chaplain (Main)

Charter Communications (Cable TV)

Chief, DPW Housing Division

Child Development Service (East Full Day)

Civilian Taxi (Yellow Cab)

Claims Office

Commissary

Complaints (Behavioral)

DPW Family Housing Manager

FCFH – Community Manager

FCFH – Assistant Community Manager

FCFH – Outreach Coordinator

FCFH – Leasing Office

FCFH – Maintenance Service Order Desk and Self Help

FCFH – Pest Control Questions

FCFH – Project Director

FCFH – Project Manager for Operations & Maintenance

FCFH – Satellite Dish And Antenna Questions

FCFH – Trash Pickup Questions

Ft. Carson Post Operations Officer

Grant Library

Housing Liaison NCOs

Off-Post Housing Referral Office

Post Information

Post Locator

Post Office

Pre-Termination Inspection

PX – Furniture/Annex

PX – Main Store

PX – Service Station (Main)

Questions (Housing Liaison Office)

Questions About Lease

Stray Dogs (Military Police)

SPRINT

Transportation In Bound

Transportation Out Bound

TRICARE Appointments (Hospital)

Weather

YA Registration

Youth Activities

579-1605

579-1606

576-1606

226-2268

579-1606

526-500/3400/5914

526-2350/2842

526-4313

526-2322/2323

526-5811

526-0227

570-5454

226-2268

576-6313

576-4141

576-6570

526-5209/5279

576-7404

526-7574

526-5977

634-5000

526-1355

526-5644

526-4313

526-5224

226-2283

226-2338

579-1605

Attachment 7– 2019 Earth Day Celebration Information

Attachment 7 is unavailable due to the cancellation of the 2020 event.

Attachment 8 – 2020 Make A Difference Day Information

ABOUT FEATURED PHOTO HISTORICAL TREASURES NOTICES FRONT AND CENTER TIDBITS ARCHIVE
CONTACT US



FORT CARSON **Mountaineer**

Published in the interest of the Fort Carson Community. Visit the Fort Carson website at <http://www.carson.army.mil>.

NEWS MILITARY COMMUNITY AT EASE SPORTS

4TH INFANTRY DIVISION FORT CARSON



T

Hundreds make a difference

Public Affairs Office Oct 31, 2020 0



FORT CARSON, Colo. – Fort Carson community volunteers rake leaves Oct. 24, 2020, during the Fort Carson Make a Difference Day at Iron Horse Park. (Photo by Norman

RECENT POSTS

- > Dietitian top tips when ordering fast food
- > (no title)

*Shifflett)***By Norman Shifflett***Fort Carson Public Affairs Office*

FORT CARSON, Colo. – On an extremely cold Oct. 24, 2020, morning, nearly 350 volunteers from the Fort Carson community showed up to make a difference in their community.

Make a Difference Day (MADD) is a national event that is focused on community service with a

Inmon goal of making a difference in someone's life.

The event is held on the ninth Saturday in October.

This marks Fort Carson's 24th year of participating in MADD. The event was from 8 a.m. to noon.

"This is an annual event that we do at Fort Carson," said

Joey Bautista, the Fort Carson Army Volunteer Corps coordinator. "This year we expanded to (five) different projects."

The five projects were at Iron Horse Park, the Northside Reservoir, the drainage ditch that runs parallel to Barkley Avenue, Balfour Beatty housing and the five schools on post.



***FORT CARSON, Colo.** – Staff Sgt. Georgette Ray, a Soldier with the Soldier Recovery Unit, and her Family pick up trash and debris in the storm drain that runs parallel with Barkley Avenue Oct. 24, 2020, during the Fort Carson Make a Difference Day. Nearly 350 volunteers attended to make the community a better place. The event ensured five projects were completed at Iron Horse Park, the Northside Reservoir, the drainage ditch that runs parallel to Barkley Avenue, Balfour Beatty housing and the five schools on post. (Photo by Norman Shifflett)*

- "OPERATION SWEETBRIAR" concluded
- EACH doctors relay vaccine information

- 'What's Your Warrior?'

In past years the volunteers would meet at Iron Horse Park for an orientation and then go to their respective areas. However, this year, due to COVID-19 restrictions, the volunteers were required to wear masks and were staged at the different areas around Fort Carson.

Breakfast and lunch were provided for the volunteers from a couple of fast food chain restaurants.



Armed with rakes, trash bags or other tools, the volunteers set out to accomplish their tasks of tidying the Mountain Post.

Projects included clearing debris from storm drains, raking leaves and helping with tasks to beautify the schools.

Spc. Emily Daily, who is with the 4th Infantry Division Band, said that she volunteered because she was proud of Fort Carson and the community members and how they came together to help each other. She was moving rocks at Patriot Elementary School with the

help of others to improve the appearance of the school.

"It was nice for me to see everybody coming together," Daley said. "Teamwork makes the team work (together), and it was definitely displayed here because it's not something that anybody could have done by themselves."

Some of the volunteers brought their families out to help with cleaning up the areas.

Staff Sgt. Georgette Ray, with the Soldier Recovery Unit, had her Family picking up trash in the storm drain. She said it meant a lot to her to have her Family there so that they learned what it's like to give back to their community.

"I encourage parents to get out with their children to do these types of things." Ray

I "My kids felt really good about it, they knew why we were doing it and the importance what we were doing."

T Maj. Gen. Matthew W. McFarlane, commanding general, 4th Infantry Division and Fort Carson, said he was proud of the Soldiers and Family members from the community who came out to help support Make a Difference Day.

Even with the challenges of the pandemic restrictions, the day's event was successful.

"Fort Carson really made a difference," Bautista said. "My theme for this was 'Neighbors Helping Neighbors.'"



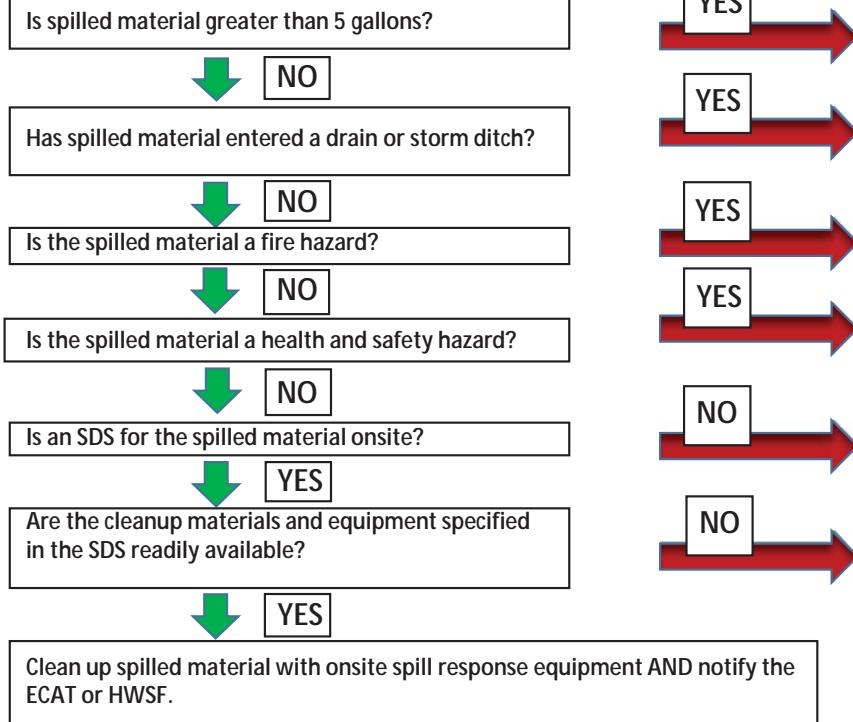
FORT CARSON, Colo. – Fort Carson community volunteers rake and bag leaves Oct. 24, 2020, during the Fort Carson Make a Difference Day at Iron Horse Park.

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Attachment 9 – Fort Carson Spill Response Procedures



SPILL RESPONSE PROCEDURE



Environmental Do's

Containers MUST be closed and labeled with their contents.

Spills MUST be cleaned and reported according to these Spill Response Procedures.

All containers 55 Gallons and above MUST be on secondary containment.

Flammable materials MUST be stored in flammable storage lockers.

Environmental Do Not's

Don't wash tactical vehicles unless in an authorized wash area.

Don't pour/rinse products into drains.

Don't mix products or wastes.

Environmental Phone Numbers

Environmental Compliance Assessment Team (ECAT)
524-3534 or 526-0979/0755/8000/9176

AST Manager:	526-9411
Hazardous Waste Storage Facility:	526-8003
Pollution Prevention:	526-4340
Recycle Program:	526-5898
Stormwater Manager:	526-1697
Wastewater Manager:	526-1730
Service Orders:	526-5345

Fort Carson DPW Environmental Battle Book
<https://www.carson.army.mil/assets/docs/dpw/stormwater/environmental-battlebook.pdf>



YOUR EPO/EPNCO IS:



Attachment 10 - Illicit Discharge Tracker

2020 Spill Line Log

Date	Time	Illicit Discharge Reportable to the EPA	Location (Building, Address)	Person Calling Spill Line	Contact Method	Person Answering Spill Line	Call Description	Spill Report #
20-Jan-20	1430	No	Intersection of Devens ST & Bad Toez RD	MP Dispatch	phone	Jack Haflett	Auto accident, coolant in curb line	20-001
13-Feb-20	1500	No	Intersection of Prussman BLVD and Wetzel AVE	MP Dispatch	phone	Joe Gallegos	Fuel can possibly fell off the back of a truck, 3-4 gallons diesel fuel, no discharge to drainages	20-002
24-Feb-20	930	No	Tank trail south of O'Connell BLVD, east of Minnick AVE	N/A	N/A		Environmental Division personnel nearby when incident occurred, responded immediately to assist. Tracked vehicle caught fire and spilled approximately 10 gallons of fluid including oil, coolant, and fuel	20-003
3-Mar-20	1000	No	Main PX Bldg 6110	T&H	phone	Jeff Farmer	150-200 gallon SSO on the East end of the parking lot at Building 6110, no discharge to drainages	20-004
29-Apr-20	1100	No	Building 3092	T&H	phone	Kevin Lyons	During routine storm drain maintenance T&H observed oily residue in catch basin	20-005
14-May-20	1100	No	Tank trail	SGT Jones	phone	David Martin	Approximately 27 gallons combined of fuel, oil, and coolant from a tactical vehicle engine fire. No release to waterway or drainages.	20-006
12-Jun-20	NA	No	Tank Trail	SSG Delacruz, Andrew	phone	Jack Haflett	Unit scraped up soil from the shoulder of the tank trail and absorbed the material. David Nino and Jeff McDonald from ECAT checked on it the following day and the unit had done a good job cleaning it up. Material was hauled off to the HWSF.	20-007
17-Jun-20	930	No	TA-11	4th BSB	phone	Don Sullivan	A HEMITT pulling a fuel trailer went into a ditch with the right side tires and the trailer rolled on its side. The accident happened when the wind blew a lot of sand across the road and the driver couldn't see. The Unit did a great job containing the fuel leaking from the lid on top of the trailer. Approximately less than 2 gallons leaked out.	20-008
23-Jun-20	1000	No	Bldg. 9062	Ctr Eric Bailey	phone	Don Sullivan	Approx. 20 gallons hydraulic fluid spilled. 10 bags of dry sweep was used to clean it up which contained the spill from reaching any storm drains.	20-009
1-Jul-20	1830	No	Bldg 2655	SFC Grant	phone	Terry Eberle	Unit spilled 5 gallons of fuel and contained it with dry sweep before reaching storm drain.	
28-Jul-20	1211	No	PCM/S Airfield	Emergency Dispatch	phone	Joe Gallegos	60-70 gallon spill in secondary containment from the main fuel line of a HEMTT	20-011
27-Jul-20	1000	No	O'Connell Blvd	Emergency Dispatch	phone	Joe Gallegos	Civilian vehicle accident spilled approx. 30 gallons fuel along O'Connell Blvd. Dry sweep, absorbent pads and microblaze used to contain spill before entering storm drain.	20-012
5-Aug-20	NA	No	Bldg. 1554	Nik Hasenauer, MP	phone	Jack Haflett	1 gallon oil, < 1 gallon antifreeze spilled along curb. Material made it into a storm drain. Drain was pumped, outfall was protected with an oil absorbing boom. No evidence of illicit discharge from outfall.	20-013
27-Oct-20	NA	No	Sand Canyon Bypass	Unit 3/29 FA	phone	Don Sullivan	15 gallons oil spilled and saturated soil. Soil was dug up and transported to HWSF.	20-014
6-Nov-20	NA	No	NE Corner Francis Loop / Specker Ave	T&H Personell	phone	Jeff Farmer	Approx. 500 gallon leaked from a broken industrial line of mixed contents. Soil was hauled in to contain the leak. Approx. 100 tons of soil was removed and hauled off site.	20-015
23-Nov-20	NA	No	Gate 20, Lane 4	Gate Security	phone	Jack Haflett	Car accident resulting in 1 gallon of antifreeze and 1 gallon of oil to spill. Contained and cleaned with dry sweep.	20-016

Attachment 11 – Garrison Commander’s Policy Letter #17

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REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
US ARMY INSTALLATION MANAGEMENT COMMAND
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT CARSON
1826 ELLIS STREET, SUITE 200
FORT CARSON, CO 80913

GC Policy #17

IMCR-ZA

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Enforcement of Construction Site Stormwater Management Program Policy

1. References:

- a. U.S. Installation Management Command, U.S. Army Environmental Command memo, IMAW-BDC, subject: U.S. Army Environmental Command (USAEC) "Sample" Command Policy and Supplemental Guidance Document for Stormwater Compliance at Construction Sites, dated 31 Jan 07.
- b. Fort Carson Municipal Separate Storm Sewer System (MS4) Permit (COR042001) as defined in Clean Water Act (40 CFR 122.26).

2. Purpose: Establish a policy for management of stormwater on Fort Carson, specifically at construction sites. Federal stormwater regulations and Fort Carson's MS4 permit require development, implementation and enforcement of a Stormwater Management Program designed to reduce the discharge of pollutants from the installation's stormwater system to the maximum extent practicable to protect water quality. The program must implement six minimum control measures, including construction site stormwater runoff control and post-construction stormwater management in new development and redevelopment. Construction control and management measures include requirements for erosion and sediment controls and best management practices.

3. Applicability:

a. Installation staff, tenants, activities, contracting officers, and contractors must comply with all the requirements outlined in Fort Carson's Stormwater Management Plan that address elimination of illicit discharges, construction site runoff control and post-construction site runoff control.

b. When coverage under the Environmental Protection Agency's Construction General Permit (CGP) is applicable, compliance with all CGP requirements is mandatory. Failure to comply with these requirements will result in appropriate disciplinary actions being taken against violator(s) as appropriate.

IMCR-ZA

SUBJECT: Enforcement of Construction Site Stormwater Management Program Policy

c. Copies of these documents are available on the Fort Carson Stormwater website at <https://www.carson.army.mil/organizations/dpw.html#four>.

4. Responsibilities:

a. Directorate of Public Works - Environmental Division (DPW-ED) will enforce this policy through contractor oversight and project planning. Projects with the Corps of Engineers and any other entity as the proponent are subject to these regulations and oversight.

b. Fort Carson Stormwater Program staff has the authority to conduct inspections of site activities as needed, to ensure compliance with the above cited plan and permit.

c. Mission and Installation Contracting Command (MICC) will enforce this policy by incorporating a reference to this policy in all applicable contract language.

d. Potential sanctions for contractor violations may include, but are not limited to:

(1) Contract payment withholding, liquidated damages, setoff, or equitable adjustment;

(2) Indemnification of Government costs due to administrative enforcement and litigation;

(3) Contract termination;

(4) Consideration of past performance evaluations in award of future contracts;

(5) Suspension or debarment from bidding or working on future contracts; and/or

(6) Stop-work orders may be issued for the entire project until violations have been rectified to the satisfaction of the U.S. Government.

5. Point of contact is the DPW-ED Stormwater Program Manager at 719-526-1697 or usarmy.carson.imcom-central.list.dpw-ed-storm-water@mail.mil.



BRIAN K. WORTINGER
COL, AR
Garrison Commander

DISTRIBUTION: A

Attachment 12 - 2020 Construction Activities

Issuer	Entity Name	Program ID	Program Type	Coverage Area	Action Type	Action Status	Coverage Status	Certified Date	Effective Date
EPA	Candlewood Suites	COR10F006	NPDES	General Permit	Construction Stormwater	New	Approved	Active	04/06/2017
EPA	ATTK BN MAINT Hangar / Fort Carson, CO	COR10F02T	NPDES	General Permit	Construction Stormwater	New	Approved	Active	12/29/2017
EPA	ATTK BN MAINT Hangar/Fort Carson	COR10F02X	NPDES	General Permit	Construction Stormwater	New	Approved	Active	01/19/2018
EPA	CAB Project (Overall Permit)	COR10F01C	NPDES	General Permit	Construction Stormwater	New	Approved	Active	05/17/2017
EPA	Ft Carson ASOS Expansion - ASOC	COR10F03R	NPDES	General Permit	Construction Stormwater	New	Approved	Active	11/30/2018
EPA	Fort Carson - Ammo Supply Point	COR10F03W	NPDES	General Permit	Construction Stormwater	New	Approved	Active	01/18/2019
EPA	Fort Carson - Ammo Supply Point	COR10F043	NPDES	General Permit	Construction Stormwater	New	Approved	Active	02/28/2019
EPA	Teller Dam	COR10F04H	NPDES	General Permit	Construction Stormwater	New	Approved	Active	08/14/2019
EPA	Teller Dam	COR10F05C	NPDES	General Permit	Construction Stormwater	New	Approved	Active	01/13/2020
EPA	19-104 TEMF	COR10F04J	NPDES	General Permit	Construction Stormwater	New	Approved	Active	08/30/2019
EPA	Fort Carson Range 117 Upgrade	COR10F04L	NPDES	General Permit	Construction Stormwater	Reapplication	Approved	Active	09/18/2019
EPA	Post Wide Water Main Repair	COR10F057	NPDES	General Permit	Construction Stormwater	New	Approved	Active	12/10/2019
EPA	National Intrepid Center of Excellence Satellite, Infrastructure Support	COR10F05J	NPDES	General Permit	Construction Stormwater	New	Approved	Active	04/06/2020
EPA	SOF Human Performance Training Center	COR10F05K	NPDES	General Permit	Construction Stormwater	New	Approved	Active	04/09/2020
EPA	Storm Sewer & Fill, Fort Carson CO	COR10F05M	NPDES	General Permit	Construction Stormwater	New	Approved	Active	04/16/2020
EPA	SOF Mountaineering Facility	COR10F05P	NPDES	General Permit	Construction Stormwater	New	Approved	Active	04/23/2020
EPA	Company Operations Facility Six and Seven Company Site Facilities	COR10F05Y	NPDES	General Permit	Construction Stormwater	New	Approved	Active	09/18/2020

EPA	Company Operations Facility Six and Seven Company Site Facilities	COR10F05Z	NPDES	General Permit	Construction Stormwater	New	Approved	Active	10/16/2020	10/30/2020
EPA	Fort Carson - Repair Alpha Ramp	COR10F05Q	NPDES	General Permit	Construction Stormwater	New	Approved	Active	05/13/2020	05/27/2020
EPA	RPR, Repair Hardstand Building 3292	COR10F066	NPDES	General Permit	Construction Stormwater	New	Approved	Active	11/16/2020	11/30/2020
EPA	Fort Carson Company Operations Facilities	COR10F05V	NPDES	General Permit	Construction Stormwater	New	Approved	Active	08/26/2020	09/09/2020
EPA	COARNG CTC	COR10F065	NPDES	General Permit	Construction Stormwater	New	Approved	Active	11/12/2020	11/26/2020
EPA	Hambone High Voltage Test Range	COR10F03H	NPDES	General Permit	Construction Stormwater	New	Approved	Active	05/10/2018	05/24/2018
EPA	Colorado Army National Guard Space Battalion Readiness Center	COR10F046	NPDES	General Permit	Construction Stormwater	New	Approved	Active	03/25/2019	04/08/2019
EPA	Fort Carson RPR Culvert MSR 1, R13	COR10F04G	NPDES	General Permit	Construction Stormwater	New	Approved	Active	07/31/2019	08/14/2019
EPA	FY18 Post Wide Parking CNS 71st EOD	COR10F04F	NPDES	General Permit	Construction Stormwater	New	Approved	Active	06/13/2019	06/27/2019
EPA	B9426/9436/9456/9466	COR10F04K	NPDES	General Permit	Construction Stormwater	New	Approved	Active	09/04/2019	09/18/2019
EPA	Stream Channel MSR1 Hardstands	COR10F05A	NPDES	LEW	Construction Stormwater	New	Approved	Active	01/03/2020	01/03/2020
EPA	Chilled Water Line Phase 2	COR10F030	NPDES	General Permit	Construction Stormwater	Termination	Approved	Terminated	07/02/2020	02/22/2018
EPA	Ft Carson Housing Ute Hill Phase II	COR10F031	NPDES	General Permit	Construction Stormwater	Termination	Approved	Terminated	10/01/2020	02/27/2018
EPA	Design Construct Repair Benham and Blair Quads	COR10F038	NPDES	General Permit	Construction Stormwater	Termination	Approved	Terminated	12/30/2018	04/06/2018
EPA	Design Construct Repair Benham and Blair Quads	COR10F03Y	NPDES	General Permit	Construction Stormwater	Termination	Approved	Terminated	05/08/2020	02/14/2019
EPA	Obstacle Course Iron Horse Park	COR10F03I	NPDES	General Permit	Construction Stormwater	Termination	Approved	Terminated	12/10/2020	06/01/2018
EPA	Obstacle Course Iron Horse Park	COR10F03D	NPDES	General Permit	Construction Stormwater	Termination	Approved	Terminated	07/08/2020	05/11/2018

EPA	Abatement and Incidental Demolition of Building 5510	COR10F047	NPDES	General Permit	Construction Stormwater	Termination	Approved	Terminated	03/26/2019	04/09/2019
EPA	Fort Carson, Building 7303	COR10F048	NPDES	General Permit	Construction Stormwater	Termination	Approved	Terminated	09/09/2020	04/09/2019
EPA	Post Wide Bridge Repairs	COR10F015	NPDES	General Permit	Construction Stormwater	Termination	Approved	Terminated	06/07/2020	05/29/2017
EPA	Battlefield Weather Facility	COR10F042	NPDES	General Permit	Construction Stormwater	Termination	Approved	Terminated	10/16/2020	03/14/2019
EPA	Battlefield Weather Facility	COR10F03Z	NPDES	General Permit	Construction Stormwater	Termination	Approved	Terminated	09/17/2020	02/15/2019
EPA	FY18.1 Post Wide Erosion Control, Building 7330	COR10F04E	NPDES	General Permit	Construction Stormwater	Termination	Approved	Terminated	02/20/2021	6/21/2019
EPA	Battalion Operations - BOF & RSE	COR10F03S	NPDES	General Permit	Construction Stormwater	Termination	Approved	Terminated	12/28/2020	01/09/2019
EPA	Battalion Operations - BOF & RSE	COR10F03C	NPDES	General Permit	Construction Stormwater	New	Approved	Active	04/24/2018	05/08/2018
EPA	Battalion Operations - BOF & RSE	COR10F00O	NPDES	General Permit	Construction Stormwater	New	Approved	Active	05/02/2017	05/16/2017
EPA	Special Forces Language Training	COR10F005	NPDES	General Permit	Construction Stormwater	New	Approved	Active	03/21/2017	04/04/2017
EPA	AIPBC Range	COR10F03N	NPDES	General Permit	Construction Stormwater	New	Approved	Active	09/18/2018	10/02/2018
EPA USACE	Rotary Wing Taxiway PN85710	COR10F016	NPDES	General Permit	Construction Stormwater	New	Approved	Active	05/15/2017	05/29/2017
EPA	Rotary Wing Taxiway PN85710	COR10F01H	NPDES	General Permit	Construction Stormwater	Termination	Approved	Terminated	10/16/20	5/31/2017
EPA	Sanitary Sewer, Wilderness Road PN DPW18-050 (FY19)	COR10F05B	NPDES	General Permit	Construction Stormwater	New	Approved	Active	01/13/2020	01/27/2020
EPA	Sanitary Sewer, Wilderness Road PN DPW18-050 (FY19)	COR10F059	NPDES	General Permit	Construction Stormwater	Termination	Approved	Terminated	11/06/2020	01/02/2020

Attachment 13 – Construction General Permit Inspection Form

CGP/MS4 Construction Inspection Form

Name Of Site:

Inspection Date/Time:

Inspector Name & Contact Information:
Select...

Nature Of Project:	Construction Stage:	Name Of Receiving Waters:
DPW: <input type="checkbox"/>	Clearing: <input type="checkbox"/>	B Ditch: <input type="checkbox"/>
Industrial: <input type="checkbox"/>	Construction: <input type="checkbox"/>	Clover Ditch: <input type="checkbox"/>
Residential: <input type="checkbox"/>	F.Grading: <input type="checkbox"/>	Fountain Creek: <input type="checkbox"/>
Roadway: <input type="checkbox"/>	F.Stabilization: <input type="checkbox"/>	Infantry Creek: <input type="checkbox"/>
USACE: <input type="checkbox"/>	Infrastructure: <input type="checkbox"/>	Rock Creek: <input type="checkbox"/>
Utility Linear: <input type="checkbox"/>	Rough Grading: <input type="checkbox"/>	Receiving Waters Other: <input type="text"/>
Nature Of Project Other: <input type="text"/>	T.Stabilization: <input type="checkbox"/>	
Construction Stage Other: <input type="text"/>		
Site Location: <input type="text"/>	Is the receiving water a tributary to waters of the US?	Within the Fort Carson MS4 footprint?
Cross Streets: <input type="text"/>	<input type="radio"/> Yes	<input type="radio"/> Yes
Building Number: <input type="text"/>	<input type="radio"/> No	<input type="radio"/> No
GPS Coordinates: <input type="text"/>		

Name and titles of person(s) meeting the definition of "operator": ([CGP APP. A8](#)):

Facility Contact:

Delegated Authority:

Is the Stormwater Team identified in the SWPPP ([CGP part 7.2.2](#))

Yes

No

Notes:

Is There Permit Coverage?: <input type="radio"/> Yes <input type="radio"/> No	NOI visibly posted at entrance to site? (CGP section 1.5): <input type="radio"/> Yes <input type="radio"/> No	What is the NOI date: <input type="text"/> NOI Number: <input type="text"/> Co-Permittee NOI Date: <input type="text"/> Co-Permittee NOI Number: <input type="text"/>
SWPPP Location sign posted at entrance? (CGP section 1.5): <input type="radio"/> Yes <input type="radio"/> No	Is there access to the 2017 CGP onsite (electronic or hard copy): <input type="radio"/> Yes <input type="radio"/> No	Percent Complete: <input type="text"/> %

1. SWPPP Review

Item	Yes	No	NA	Notes
1.1 Is the SWPPP on site or electronically available (CGP part 7.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.2 Has the SWPPP been reviewed and updated PRIOR to filing an NOI by the Fort Carson Stormwater Program and is the SWPPP review form included (MS4 Permit & CGP part 7.1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.3 Signature Certification Statement included in SWPPP (CGP part 7.2.10 and App I subsections I.11, I.11.1.1 and I.11.4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.4 Is information on receiving waters, impaired waters, and TMDLs correctly listed? (CGP part 3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.5 Is there a site description (CGP part 7.2.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.6 Total area of site and total area to be disturbed in acres (CGP part 7.2.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.7 Are all construction support activities described (materials, equipment staging areas, concrete/asphalt batch plants, stockpiles and borrow areas) (CGP parts 7.2.3 and 1.2.1c)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.8 Is the sequence and timing of construction included (CGP part 7.2.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.9 Is there a list of allowable non-stormwater discharges (CGP part 1.2.2 and 7.2.5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.10 Is the Fort Carson NEPA Record of Environmental Consideration (REC) included in the SWPPP? (Operator evaluation of endangered species/historic properties) (CGP part 7.2.9)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.11 Does SWPPP contain buffer documentation (CGP part 7.2.6 and Appendix G)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.12 Does SWPPP include BMP descriptions and details (CGP part 7.2.6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.13 Where the BMP is a sediment basin, are design maintenance requirements in the SWPPP (CGP part 2.2.12)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.14 Does SWPPP include a dewatering plan (MS4 PERMIT)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.15 Does SWPPP include temporary stabilization measures (descriptions and specs) (CGP parts 2.2.14 and 7.2.6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.16 Does SWPPP include permanent stabilization measures (permanent BMPs & specs) (CGP parts 2.2 and 7.2.10.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.17 Are construction site pollutants and pollutant generating activities listed in the SWPPP (CGP part 7.2.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.18 Are waste management and spill prevention and response procedures in the SWPPP (CGP parts 2.3 and 7.2.6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.19 Is there documentation that the stormwater team or other responsible personnel have been trained on their requirements of the CGP prior to earth disturbing activities commencing (CGP part 6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.20 Is the SWPPP amendment log current (CGP part 7.4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.21 Is the SWPPP current and complete (CGP part 7.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

2. Map Review

Item	Yes	No	NA	Notes
2.1 Is there an up-to-date general site map on site (CGP part 7.2.4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Are drainage patterns (flow arrows) included on map Stormwater, Topography and existing vegetation (CGP parts 7.2.4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Does the site map show all required features (CGP part 7.2.4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.4 Are pollutant generating activities, as described in the SWPPP on the map (CGP part 7.2.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.5 Are the locations of BMPs, as described in the SWPPP, on the map (CGP part 7.2.6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.6 Does the SWPPP or site map identify stormwater management measures to address stormwater runoff once the construction is complete (culverts/ponds/inlets/etc.) (MS4 Permit)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

3. Inspections Review

Item	Yes	No	NA	Notes
3.1 Is the named inspector (or the inspector's position) a duly authorized representative of the operator (CGP APP I.11.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Is the delegation of authority signed by the operator in the SWPPP (CGP part APP I.11.2.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Are the inspectors qualifications in the SWPPP (CGP part 4.1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.4 Are inspections performed according to inspection schedule noted in the SWPPP (CGP parts 4.2, 4.3, 4.4, and 7.2.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Date of last inspection				
3.6 Does the inspection report cover all BMPs, pollution prevention practices, and all areas requiring inspection (CGP part 4.5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.7 If applicable, is weather information included in the inspection reports (CGP part 4.7.1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.8 Were findings from last inspection addressed within 7 days (CGP part 5.2.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

4. Best Management Practices

Straw Wattle / Rock Socks: ○ Adequate ○ Deficient ○ N/A Notes: _____	Silt Fences: ○ Adequate ○ Deficient ○ N/A Notes: _____	Straw Bales: ○ Adequate ○ Deficient ○ N/A Notes: _____
Storm Drain Inlet Protection: ○ Adequate ○ Deficient ○ N/A Notes: _____	Rip Rap: ○ Adequate ○ Deficient ○ N/A Notes: _____	Check Dam: ○ Adequate ○ Deficient ○ N/A Notes: _____
Diversion Structure (berms, swales, etc.): ○ Adequate ○ Deficient ○ N/A Notes: _____	Sediment Pond: ○ Adequate ○ Deficient ○ N/A Notes: _____	Track Pad / Street Cleaning effective: ○ Adequate ○ Deficient ○ N/A Notes: _____
Dumpsters/Waste Management Practices (Lids or Covers Required): ○ Adequate ○ Deficient ○ N/A Notes: _____	Concrete Washout: ○ Adequate ○ Deficient ○ N/A Notes: _____	Hazardous Materials Secondary Containment Devices: ○ Adequate ○ Deficient ○ N/A Notes: _____
Spill Kit / Spill Response Info: ○ Adequate ○ Deficient ○ N/A Notes: _____	Good Housekeeping Measures / Equipment and Maintenance Areas: ○ Adequate ○ Deficient ○ N/A Notes: _____	Vegetative Buffer: ○ Adequate ○ Deficient ○ N/A Notes: _____
Portable Toilets: ○ Adequate ○ Deficient ○ N/A Notes: _____	Temporary Stabilization Practices: ○ Adequate ○ Deficient ○ N/A Notes: _____	Dewatering: ○ Adequate ○ Deficient ○ N/A Notes: _____

5. Final Stabilization

Are stockpiles or areas observed that are unstabilized after 14 days: ○ Adequate ○ Deficient ○ N/A Notes: _____	Seeding (bag tags checked?): ○ Adequate ○ Deficient ○ N/A Notes: _____	Mulching or Other Stabilization Methods: ○ Adequate ○ Deficient ○ N/A Notes: _____
Landscaped areas: ○ Adequate ○ Deficient ○ N/A Notes: _____	Post Construction BMPs properly installed: ○ Adequate ○ Deficient ○ N/A Notes: _____	Are these structures adequately maintained: ○ Adequate ○ Deficient ○ N/A Notes: _____

6. Site Review

Site Description:

Discharge of Sediment:

Discharge of Pollutants:

Are BMPs maintained adequately to prevent discharge:

Notes

Attachments

 File Attachment

Attachment 14 – Construction General Permit Notice of Termination Inspection Form



Fort Carson Stormwater Program Notice of Termination (NOT) Inspection Form

Date:

Project Name:

Project Location:

Permittee #1 .

NOI #

Dates of CGP Coverage:

Permittee #2:

NOI #

Dates of CGP Coverage:

Target Date for NOT filing:

NOT Inspector & personnel:

Construction General Permit Conditions for filing NOT:

1. Final stabilization has been achieved on all exposed portions of the site for which you are responsible.

A. All soil disturbing activities at the site have been completed and either, or a combination of, the two following criteria have been met:

i. If you are vegetatively stabilizing any exposed portion of your site through the use of seed or planted vegetation, you must provide established uniform vegetation (e.g., *evenly distributed without large bare areas*), with the following criteria:

- 70 percent or more of the density of coverage that was provided by vegetation prior to commencing earth-disturbing activities
- No invasive species
- Vegetative cover must be perennial
- Immediately after seeding or planting the area to be vegetatively stabilized, to the extent necessary to prevent erosion on the seeded or planted area, you have selected, designed, and installed non-vegetative erosion controls that provide cover (e.g., *mulch, rolled erosion control products*) to the area while vegetation is becoming established.

ii. If you are using non-vegetative controls to stabilize exposed portions of your site, you must provide effective non-vegetative cover to stabilize any such exposed portions of your site, including, but not limited to, riprap, gabions, and geotextiles.

OR

B. In arid and semi-arid areas or drought-stricken areas only, all soil disturbing activities at the site have been completed and both of the following criteria have been met:

i. The area you have seeded or planted must, within 3 years, provide established vegetation that covers 70 percent or more of the density of vegetation prior to commencing earth-disturbing activities; and in addition to seeding or planting the area to be vegetatively stabilized, to the extent necessary to prevent erosion on the seeded or planted area, you must select, design, and install non-vegetative erosion controls that provide cover for at least 3 years without active maintenance by you.

AND

You have removed and properly disposed of all construction materials, waste and waste handling devices, and have removed all equipment and vehicles that were used during construction, unless intended for long-term use following your termination of permit coverage.

You have removed all stormwater controls that were installed and maintained during construction, except those that are intended for long-term use following your termination of permit coverage or those that are biodegradable.

You have removed all potential pollutants and pollutant-generating activities associated with construction, unless needed for long-term use following your termination of permit coverage.

OR

2. Another operator has assumed control according to Section 8.2.2 of the CGP over all areas of the site that have not been finally stabilized.

If so, please provide POC information _____

OR

3. Coverage under an individual or alternative general NPDES permit has been obtained.

If so, please provide Permit # and Date _____

MS4 Program Conditions for filing NOT:

- Received a copy of all post-construction stormwater BMP design drawings/as-builts (in both '.dgn' and hard copy format). Please note that this information will need to be verified by Fort Carson staff prior to filing for an NOT.
 - Received a copy of all post-construction stormwater BMP O&M specifications, as applicable
 - Received a copy of design grading and drainage plans (in both '.dgn' and hard copy format)
 - Received a copy of final, general layout of project site (to include buildings, roads, etc.)
 - Received a copy of the Maintaining Hydrology on Army Construction Projects form (as applicable).
 - All post-construction BMPs have been cleaned out and are in optimum operating condition.
 - Site conditions are stable and acceptable. If not, provide actions needed prior to filing NOT:
-
-
-
-

Once the Fort Carson Stormwater Program has signed this form and returned it to the project proponent(s), the NOT filing process can be initiated. The NOT must be submitted within 30 days of conditions 1, 2 or 3 above being adequately met. Authorization to discharge terminates at midnight of the day the NOT is signed.

Name	Signature	Date
Fort Carson Stormwater Program		

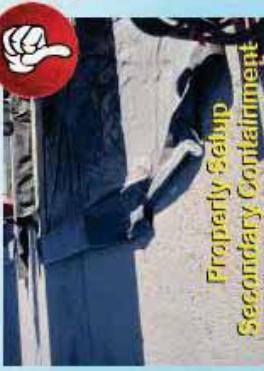
Attachment 15 – Pollution Prevention Poster

Stormwater Pollution Prevention

What causes stormwater pollution?

Routine activities have the potential to pollute stormwater if not conducted properly. These include:

- Vehicle/equipment fueling and fuel storage
- Improper vehicle/equipment washing
- Vehicle/equipment storage, and parking for those awaiting maintenance, and maintenance
- Spills or leaks from storage of parts, equipment, POI, scrap metals, scrap wood/wood chips/pallets, antifreeze and used antifreeze, used oil, solvents, tires, roll-offs, and recycling bins



**Proper Setup
Secondary Containment**



Cover Containers



Stormwater Pollutants:

- POIs
- Antifreeze
- Metals
- Cleaning products
- Trash
- Paint/stain/finishing products
- Solvent
- Sediment

Your site will be inspected:

Site inspections are a requirement of Fort Carson's Stormwater Permits. Your site will be inspected at least quarterly by ECAT and/or Fort Carson Stormwater Program staff. Inspectors will conduct a walk through looking at areas where industrial materials or activities are located in contact with stormwater, outfalls, and downstream areas to assess the potential for stormwater pollution and compliance with the SWPPP.

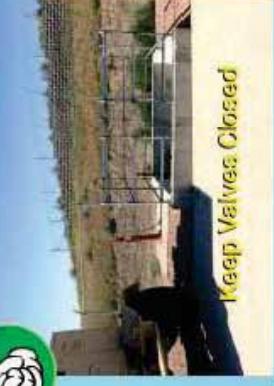
Penalties for knowingly violating stormwater regulations (e.g. dumping oil down the drain) can include fines and/or imprisonment.

Minimize Exposure

- DO:**
- o Store materials indoors or cover those stored outdoors when not in use
 - o Store materials and equipment in a place where spills or leaks would be easily contained
 - o Drain fluids from equipment/vehicles when they are expected to be unused for a period of time
 - o Wash equipment and vehicles on wash racks or designated wash areas
 - o Conduct work indoors when possible
 - o Use drip pans under parked vehicles/equipment



**Use Drip Pans
Correctly**



**Keep Work
Areas Clean**

Good Housekeeping

- DO:**
- o Keep the work area clean and tidy
 - o Keep dumpster and other container lids closed
 - o Routinely conduct "Police Calls" (clean up site by picking up and throwing away trash, and sweeping dirt)
 - o Look out for erosion
 - o Sweep up tracked dirt
 - o DO NOT:
 - o Do not sweep dirt or any other materials into outside drains



Use Wash Racks



Spills and Leaks

Spills and leaks are a potential source of stormwater pollution. The Spill Prevention Control and Countermeasures Plan (SPCCP) and the spill guidance poster provide guidance for spill prevention.



**Use Dry
Cleaning Methods**

A list of ways to prevent stormwater pollution can be found in the Fort Carson SWPPP. The SWPPP is available at the Stormwater Program Manager's office, or online at: <http://www.carson.army.mil/DPW/environmental/stormwater/index2.html>

Contact the Fort Carson Stormwater Program Manager at usarmy.carson.imcom-central.list.dpw-ed-storm-water@mail.mil or 719-526-1697 for more information or guidance

Attachment 16 – Winter Maintenance Best Management Practices



FORT CARSON STORMWATER PROGRAM

BEST MANAGEMENT PRACTICES

WINTER MAINTENANCE



Overview. Snow and ice on roads, parking lots, drive-ways, and sidewalks can create hazardous conditions for people and property. Snow and ice removal is best done non-chemically with plows and shovels but, the results are not always adequate to ensure safety. Chemical ice melters (typically chloride salts) and/or sanding is often part of a comprehensive strategy to keep streets and parking lots clear.

Impacts of Salt and Sand. Salt and sand have traditionally been perceived as the cheapest and most effective materials for de-icing driving and walking surfaces; however, the use of salt and sand degrade water quality.

Effects from salt:

- Deplete the oxygen supply needed by aquatic animals and plants;
- Leach into the ground and change soil composition, making it hard for plants to survive;
- Contaminate groundwater and surface waters; and,
- Deteriorate paved surfaces, buildings, infrastructures, and the environment.

Affects from sand:

- Bury the aquatic floor life, fill in habitats, and cloud the water;
- Cause premature deterioration of floor surfaces as it is tracked into buildings;
- Lose its effectiveness after becoming embedded in snow and ice;
- Enter catch basins, storm drains, and surface waters if it is not swept up each spring; and,
- Contribute to clogged storm drains, which can cause flooding.

Best Management Practices

Snow & Ice Removal 	<ul style="list-style-type: none">• Use mechanical means before applying salt/sand, when-ever possible.
--	---

Salt Application 	<ul style="list-style-type: none">Follow manufacturer's instructions and use only enough to break the ice/pavement bond.Calibrate salt spreaders to ensure proper application.Do not apply on vegetation or near waterways.
Sand Application 	<ul style="list-style-type: none">Use only enough to provide traction on slippery areas.Sweep up excess sand after snowmelt.Sweep streets and curbs to remove excess material after storm events
Snow & Ice Disposal 	<ul style="list-style-type: none">Do not dispose of snow and ice in wetlands, creeks, or other waterways or directly on top of storm drains.Do not place snow on top of Low Impact Development (LID) features (like rain gardens)
Pollution Prevention 	<ul style="list-style-type: none">Inspect salt storage structures and make necessary repairsStore all deicing materials under cover.

Attachment 17 - Base Operations Stormwater Work



COMPLETED SERVICE ORDER REPORT

Report Period: 1/1/2020 -- to -- 12/31/2020

2/26/2021

		Received	Completed	Description	Total Loaded Cost
Pri	W/O #	Shop	Completed	Description	
1	107579:	5300	5/8/2020	BLDG 2146 - RIGHT SIDE - KEYS DROPPED DOWN STORM DRAIN CALLED & EMAILED [REDACTED] @ 9:10 5/8/2020 - JDW	\$72.28
				CALLED [REDACTED] @ 9:24 5/8/2020 - JDW SFALASCO 05/08/2020 15:16:41 -- Went to building and contacted POC. Recovered keys from drain and returned to POC. ABMP - DROPPED CAR KEYS DOWN STORM DRAIN IN FRONT OF BLDG CONTACTED JDAVIS AND THEN CONTACTED TECH [REDACTED] - DB LOGGED IN AT 12:22...CMS	\$162.64
	109664:	5300	9/5/2020	[REDACTED] ON WAT BACK TO SHOP 1:32AM..CMS	
			9/8/2020	09/06 - [REDACTED] - TOOK VACTOR TRUCK TO 2344, REMOVED STORM LID, FISHED KEYS OUT WITH HOOK, GAVE KEYS TO SOLDIER, REPLACED STORM LID. RETURNED ALL TOOLS AND VACTOR.	
				Total Service Orders for Priority 1: 2	\$234.92
2	105148:	5300	1/20/2020	DPW ENVIRO - BAD TOIZ AND DEVENS NEAR 7437 - ANTIFREEZE AND OIL IN STORM DRAIN SFALASCO 01/21/2020 10:44:43 -- Went to 7437. Cleaned road, along curb and inside storm drain. Cleaned debris body tank on vactor tank.	\$144.86
	105766:	5300	2/13/2020	TEMF - MOTORPOOL - SOLDIER DROPPED TOOL DOWN STORM DRAIN 02/13/2020 went to shop, got grab tool and hook, arrived on site found tool frozen into snow and debris, had to have soldiers move a 500 water buffalo, used hook to break up ice and snow, used grabbers to retrieve large F style wrench, gave tool to soldiers, returned to shop	\$68.82
	106141:	5300	2/21/2020	ABMP - BLDG 2454 - WEST PARKING LOT - THIRD ROW - MANHOLE / STORM DRAIN COVER MISSING 5300 2/24/2020 CONTACTED [REDACTED] @ 1440 - DB	\$117.87
			21 Feb 20- Talked to POC. Covered the hole and placed cones around it. Will come back with proper equipment and reinstall. JM		
	106681:	5300	3/18/2020	23 Feb 20 - returned with large magnet and pulled drain cover out. Re installed and removed cones.JM. jmd DPW - EAST SIDE OF BLDG 2792 - STORM DRAIN INLET CLOGGED SFALASCO 03/19/2020 14:17:56 -- checked drain at 2792 found drains running slowly because of construction north of drain standing water caused by low point in concrete	\$144.86
	107422:	5300	4/29/2020	DPW - BLDG 3092 - STORM DRAINS ON THE WESTSIDE OF MOTOR POOL (4 TOTAL) - NEEDS TO BE PUMPED OUT - OILY SUBSTANCE - CONTACT POC FOR CONCERN 5/5/2020 EMAILED [REDACTED] @ 1:42 4/29/2020 - JDW 4/30 - [REDACTED] RESPONDED AT 10.00 AM TO CHECK IT OUT. HE SPOKE WITH DAVEY SCHMIDT WITH ENVIRONMENTAL AND WAS TOLD IT IS TO GO TO R&G - PR TRANSFERRING TO R&G - PR	\$686.69
				4/29 got with lead regarding concerns of oil found in drains at bldg. 3092 was told to contact [REDACTED] the QC manager spoke with [REDACTED] and he sent [REDACTED] to look at drains , Davey called back after speaking with [REDACTED] and said not to clean drains that DPW will handle it due to the amount of oil where is possibly coming from . [REDACTED] DPW storm	

**Total
Loaded
Cost**

Pri W/O #	Shop	Completed	Description
-----------	------	-----------	-------------

2

108452:	5300	6/29/2020 6/30/2020	FIRE DISP - BLDG 5950 - THE GATE THAT GOES AROUND THE STORM DRAIN IS MISSING EMAIL [REDACTED] AT 9:44. CMS [REDACTED] HEADED TO SITE
			29 Jun 20- found the open storm water drain missing. Please a temporary cover to keep children from playing in it. Will have to order parts and remount with correct cover when we get it. requesting DG.jmd
1086665:	5300	7/15/2020 7/15/2020	DPW - BLDG 1219 - NORTHEAST SIDE - STORM DRAIN CLOGGED EMAILD [REDACTED] @ 3:17 7/15/2020 - JDW called and told [REDACTED], will have [REDACTED] head that way / hay
109977:	5300	9/21/2020	SFALASCO 07/15/2020 16:18:22 -- Removed debris clogging inlet. Drain is clean. BLDG 2392 - NORTH END OF BLDG NEAR PORTA JOHN BETWEEN BAYS 26 & 27 - CONCRETE AROUND STORM DRAIN BREAKING APART - SAFTEY CONCERN - MARKED WITH GREEN TRAFFIC CONES
111685:	5300	12/11/2020 12/14/2020	EMAILD [REDACTED] @ 3:45 9/21/2020 - JDW RSALAZAR 09/23/2020 14:24:04 -- Inspected area at building 2392,need to remove broken concrete around storm drain, install concrete forms,install concrete around drain. 9/24 emailed structure for welder support child need them to weld drain / har 9/25 verbal from Alvin to dg/ har RSALAZAR 09/24/2020 11:37:04 -- Inspected area at buidling 2392,removed broken concrete around storm drain,called welder Martin to look at broken drain,sat to low,he said we would need to order new drain frame,grate,them order concrete to install around storm drain,put out safety cones,barriers around storm drain.
111765:	5300	12/15/2020	BLDG 2359 - VETERANS CHAPEL - CORNER OF TITUS PARKING LOT - STORM DRAIN COVER NOT SECURED PROPERLY EMAILD [REDACTED] @ 3:17 12/11/2020 - JDW 321 talked to jim sending tech over to move cover / har 12/11-Jimmy- went to site, found welded cover off, placed back over hole, put cones on metal cover, traveled back. needs transferred to weld shop 12/14 emailed Charlene to make child 1117576/ har
			12/15/2020 STORM DRAIN COVER IN FRONT OF 9 ST. LO IS COMING UP DISP [REDACTED] -EMAIL AT 8:45. CMS JMTGUT 12/15/2020 13:46:34 -- Drove out to evaluate problem. Wrong size sewer manhole lid. Went through plumbers bone yard, found right size, replaced lid, returned wrong size lid to yard.
			Total Service Orders for Priority 2: 10
			\$1,842.53

3

104007 ^c	5300	11/20/2019	CUT DITCH BEHIND DOG KENNEL
1/24/2020		12/06-awl-	per Cody, waiting on info from Pease on how to proceed with this as to a permanent fix
		12/23/2019-awl-	marked area, got maps and submitted dig permit

I approve the spending assuming funds are available and this will not cause an over run to the budget.

Pri	W/O #	Shop	Completed	Description	Total Cost
Received Loaded					
					3

Thanks, and have a wonderful day!



1/7 PRI 3 PR 209808 / HAA

WTHOMASON 01/10/2020 14:37:15 -- had excavator delivered to dog kennels, tracked machine down to digsite and staged. called locators due to findings on dig permit, awaiting answers.

WTHOMASON 01/13/2020 15:04:46 -- after locators showed up and okayed where i was digging i began diggin south side of ditch and shaping how i wanted the hillside to be for rock. dug out ditch to where we dicussed. will need truck support to bring hillside grade up to where it needs to be.

WTHOMASON 01/14/2020 14:54:55 -- set up temp fencing for physical security.

WTHOMASON 01/14/2020 14:57:18 -- removed fencing, went on outside area and reworked ditch near concrete area, removed riprap and filled in large washouts with dirt then replaced riprap. set up temp fencing for physical security.

1/15 PRI 1 PR210025, WAGNER/CAT, EXCAVATOR REPLACEMENT TOOTH, TO TAKE TOOTH TO MATCH, PR EDD 1/15 CMC 1/15 PR210032 AS CHANGE ORDER TO PO120516, EDD 1/15 CMC

WTHOMASON 01/15/2020 14:51:41 -- excavator is down until new digging teeth arrive so no digging happened today. had 9 truck loads of dirt hauled in and built up south side of ditch where fence will be installed. since area is built up so high this should elevate all erosion of fence posts/concrete.

WTHOMASON 01/16/2020 15:00:29 -- helped cody digout where posts needed to be set on south side. dug out front of culvert so rebar is exposed for repair. began digging north side and shaping area for riprap.

WTHOMASON 01/21/2020 14:58:52 -- had 6 loads of dirt hauled in and continued working northside of ditch. removed north fence line and posts, filled in large washedout area on outside of fenceline. temp fenced off area for physical security.

WTHOMASON 01/22/2020 15:14:43 -- laid down rock fabric on both sides and began laying down riprap. had 114 tons of 12-24 riprap hauled in and placed on all 4 sides of the culvert.

WTHOMASON 01/23/2020 15:12:16 -- had 5 truck loads of dirt hauled in to finish building up northside of culvert. graded both plateus flat. smashed down all rock areas and spread 2 foot of riprap along inside of rebar section for added strength.

WTHOMASON 01/24/2020 15:12:26 -- finished cleaning up jobsite and had equipment hauled off.
104603: 5300 12/23/2019 15:12:26 RANGE 60 TANK TRAIL C DITCH MAINTENANCE \$3,366.54
1/3/2020 WTHOMASON 12/26/2019 14:51:16 -- began working ditchline today noerth of driveway, started ditch and found both ends of culvert under drivewat. stock piled dirt until end of day where i was able to haul out 1 truck load of dirt.
WTHOMASON 12/30/2019 15:09:23 -- continued working ditchline down the hill, hauled 7 truck loads out of ditchline today.

12/31/2019 NON CWR RP
WTHOMASON 12/31/2019 14:56:20 -- continued pulling lots of material out and shaping ditchline. hauled out 5 big red truck loads today.
WTHOMASON 01/02/2020 14:56:37 -- continued working ditchline by removing silt and reshaping ditch. hauled out 6 big red

Pri	W/O #	Shop	Completed	Description	Total Received Loaded Cost
3				truck loads today. WTHOMASON 01/03/2020 14:58:36 -- continued working ditchline. roughed the ditch in all the way to daylight. hauled out 8 big red truck loads. will need to fine tune and grade road on monday. WTHOMASON 01/07/2020 07:12:28 -- finished shaping ditchline with excavator. graded road and cut turnouts for remaining ditchline. had vactor truck come and jetrod culvert clean.	\$331.91
104799:	5220	1/3/2020		MONTHLY CHECK AND CLEAN IRRIGATION DITCHES	\$439.89
104831:	5300	1/15/2020	1/6/2020	JLOPEZ 01/15/2020 06:36:34 -- check and clean irrigation ditches boyscout rv bug three m ditch DITCH MAINTENANCE ALONG CONCRETE TANK TRAIL FROM 9050 TO SKY RADIER	
		1/17/2020		6 Jan 20 Adam evaluated the work to be accomplished,jmd 17 Jan 20 Operator scheduled to begin work 21-24 Jan.jmd	
				WTHOMASON 01/17/2020 15:10:34 -- had 6 truck loads of dirt hauled in and began building up north side of culvert. dug out entire culvert inlet side and stock piled material for removal.	\$20.93
105483€	5220	1/31/2020	2/24/2020	MONTHLY CHECK AND CLEAN IRRIGATION DITCHES no cleaning ditches due to snow wet ground and could get stuck	
		2/3/2020	2/28/2020	BLDG 1500 - CLEAN UP BEHIND MAIN CHAPEL DITCH, BUSHES, TRASH, TREE LIMBS 02/25/20 Team picked up 4 bags of trash out of ditch, cleared out 15% trees and willows blocking flow of water through ditch. Dropped 4 of the large dead cotton woods. Piled slash and logs for pickup and coned off. Job 15% done.	\$10,372.71
				2/26/2020 NON CWR RP Team got tree removal to 80% finished, need to remove branches on the ground and finish hauling out logs. Willows 30% done. Mowing 90% finished on west side of ditch, weed whacking still needs to be done on both sides of ditch.	
				02/27/20 Team finished 90% of stumps/logs that need to be removed. All trees trimmed/removed except for 1 that needs JLG. All willows cut down, 50% of the cut stems removed. Will remove remaining logs and willow stems tomorrow when ground is frozen. 7 stumps treated with Ranger Pro. Mowing 100% done on west side of ditch, need to finish rest of mowing on East side and weed whacking on West side.	
				02/28/20 Team picked up 11 bags of trash from ditch. Hauled the rest of the willows to the stock yard. Rest of the logs hauled away. Debris picked up and west side of ditch 100% mowed and weed whacked, east side slope 100% mowed and weed whacked. Job complete.	
105769:	5300	2/13/2020	11/23/2020	CONPEND - (NON-CWR) CLEAN OUT STORM DRAIN FROM BLDG 1363 TO PARKING LOT 1361 SFALASCO 02/13/2020 15:06:43 -- Prepped truck filled and went to job. Jet rodded drain and only got 100 feet before hitting a block. Will have to camera the pipe to see what the blockage is. Then we will go from there. SFALASCO 02/26/2020 14:54:09 -- Met with C&D to assist and get training on mobile camera to inspect why there is blockage. The camera got stuck. Had to do confined space entry to recover it. Attempted running camera but Dave Stovall wants to have drain jet rodded to try to clean better before running the camera again.	\$4,588.72
				SFALASCO 02/27/2020 14:39:36 -- Filled tank and went to building. Parking lot was full. Unable to clean culvert at this time. Will return tomorrow if schedule permits.	
				SFALASCO 03/04/2020 15:07:55 -- Blocked off parking lot and set up work zone. Jet rodded drain from north end multiple times and only got 100ft. Moved work zone to south end and jet rodded drain and got 140ft. There is approximately 40ft of pipe unable to jet through where it is believed to be broken. [REDACTED]	

Pri	W/O #	Shop	Received	Completed	Description	Total Loaded Cost
3						

[REDACTED] for direction on what's next. Cleaned up work zone.

SFALASCO 03/05/2020 14:44:26 -- Potholed to locate storm drain.

SFALASCO 03/06/2020 14:52:48 -- Continued to Pothole to locate drain. Unsuccessful finding drain. Lead said to hold off for now.

03/11/2020-AWL- we need to camera this, the camera is currently down. spoke with Dave Stoval , he said the anticipated date of return is 2 April 2020. If the repair to camera is done sooner, C&D will let us know. the suspected break or blockadge is under an Electric vault and side walk. this was determined using the reel counter on the Vactor truck jet reel.

04/06/2020-AWL waiting on C&D camera, This is due to the numerous fiber optic, phone and electric lines in the estimated dig area

3/20/2020 NON CWR RP
SFALASCO 04/09/2020 15:20:08 -- Called C&D to work drain. They canceled due to pri 1 water dig. Will check tomorrow and followup daily if needed until resolved.

SFALASCO 04/10/2020 15:10:38 -- Contacted lead for C&D and they are still unavailable.

SFALASCO 04/21/2020 15:11:03 -- Assisted C&D with using camera to scope drain. Able to push camera 108ft on high end and 97ft on low end. Pipe is clean but unable to run the entire pipe to determine the drainage problem. There is a 64ft gap that the camera was unable to scope. Waiting on further direction.Had GSI come and place this on the maps with GPS, sent to Jim for inclusion in 4283

23 Apr 20- Prepared and submit cost estimator for this project. Repairs this large appear to be outside of our scope of work and should have a 4283 project considered. We will work if estimator is approved.jmd
10/20/2020 - RJM - per verbal approval from COR this date, transferring back to shop 5300

10/09- walked area with Alvin, marked area for dig permit, got maps.

10/13- submitted dig permit

10/22 emailed JJ for extension approved to 11/6/20 / har

10/28/20- agandera- 2 operators.

dug up drain pipe to get a measurement to order new pipe to fix, placed fence around hole

11/4 JJ approved extension to 11/20 / har

11/04/20 Joe Boggs- Travel to and from jobsite. truck support.

11/05/20 Joe Boggs- Travel to and from jobsite. truck support.

106330c 5220	2/28/2020	MONTHLY CHECK AND CLEAN IRRIGATION DITCHES	\$313.95
3/25/2020	JLOPEZ 03/25/2020 06:08:47 -- checked and cleaned irrigation ditches		
3/12/2020	HANYES RES - CLEAN DITCH - SEE ATTACHED		\$4,020.91
4/22/2020	03/16/2020-awl- contacted POC, made appointment to look at site for 03/18.		
03/18/2020-awl-	met with james, walked site, discussed work to be done, marked area for dig permit, got maps for area,		

Pri W/O # **Shop** **Completed** **Description**

3

submitted dig permit, spoke with Alvin about trees and brush that needs to be removed for access to area, will open SO for grounds on 03/20
 03/20/2020-AWL - opened SO# 1066996 for Grounds to clear Brush and trees from site prior to cleaning ditch. spoke with Eddie , will take him to sit to look prior to starting work as site is only accesable one way.
 03/23/2020-awl - took Eddie and Will to site, walked site , showed scope needed, will clear brush and trees smaller than 6" dia., 20 feet on north side of ditch and 8-10' on south side per James.
 03/27/20- WTHOMASON - Had 1 truck load of fill material hauled out to site and built temp road over ditch for grounds to be able to get chipper truck on the east side of ditch.
 WTHOMASON 03/30/2020 14:48:58 -- had excavator hauled out to route 4, then tracked machine back into dig area. began digging the ditch at the top of the ditch.
 WTHOMASON 03/31/2020 14:36:55 -- finished digging ditch all the way to outlet. flow has been re-established and is flowing very nicely from inlet to outlet.

4/1/2020 NON CWR RP

WTHOMASON 04/01/2020 14:50:16 -- smoothed out all spoils and wood chip piles. had 1 truck load of large riverrock riprap hauled in and placed up against the concrete ditch to prevent undermining. dug out area that I made temporary road over and recreated ditch.

WTHOMASON 04/02/2020 14:32:23 -- finished creating overflow ditchline. took apart head gate valve that is broken. sourcing replacement parts. concrete will need to be poured to repair concrete wall at outlet.

04/06/2020-AWL- went to site remeasured gate valve, contacted supplier, had parts placed in pr status

4/6 PR 3 PR 211823 CORE AN MAIN / HAR

4/14 po 1222106 edd 4/23 / har

04/20/2020-AWL- received gate for ditch, will schedule installation on 04/23/2020

WTHOMASON 04/22/2020 14:46:36 -- went and removed the old water head gate and installed new water head gate.
 bldg 8200 CONCRETE AROUND STORM DRAIN REMOVE AND REPLACE

106590: 5320 3/16/2020 2 Apr 20- No concrete will be delivered until a change in the Fort Carson HPCON and ease of access has been restored.JMD
 6-10 Apr on hold due to concrete availability and weather.jmd
 16 Apr-Closing to reopen in the correct way.jmd

MERRIAMS DITCH BRUSH REMOVAL

106699: 5200 3/20/2020 03/20/2020-AWL- prior to going to site, tech needs to contact POC Adam Long 963-3541 to show scope of work. tree removal, brush and grass removal, weed spraying on completion of ditch cleaning.

03-25-2020 JHERNANDEZ -- LOADED EQUIPMENT, PICKED UP RANGE PASS. HEADED DOWN RANGE TO MERRIAMS DITCH. CUT 73 TREES, CUT 61 STUMPS AND TREATED WITH (RP), PRODUCT ACCOUNTED FOR, DRAGGED AND CHIPPED SLASH, CUT BRUSH WITH TRACTOR WITH BATWING, DROPPED OFF RANGE PASS, HEADED BACK TO DROP OFF EQUIPMENT. JOB 30% DONE PUT IN NOTES, DISINFECT AREA.

03-26-2020 JHERNANDEZ -- LOADED EQUIPMENT, PICKED UP RANGE PASS. HEADED DOWN RANGE TO MERRIAMS DITCH. CUT 73 TREES, CUT 61 STUMPS AND TREATED WITH (RP), PRODUCT ACCOUNTED FOR, DRAGGED AND CHIPPED SLASH, CUT BRUSH WITH TRACTOR WITH BATWING, LOADED BACK UP, DROPPED OFF RANGE PASS, JOB 70% DONE BACK TO 8110 TO UNLOAD

Pri	W/O #	Shop	Received	Completed	Description	Total Cost
Loaded						
					EQUIPMENT AND DISINFECT. PUT IN NOTES.	
					03-27-2020 JHERNANDEZ -- LOADED EQUIPMENT, PICKED UP RANGE PASS. HEADED DOWN RANGE TO MERRIAMS DITCH. CUT 53 TREES, DRAGGED AND CHIPPED SLASH, CUT BRUSH WITH TRACTOR WITH BATWING, LOADED BACK UP, DROPPED OFF RANGE PASS AND TRACTOR WITH BATWING AT RANGE CONTROL, JOB IS 95% DONE. HAVE TO RETURN TO MOW SMALL SECTION AND CHIP A SMALL PILE OF BRUSHBACK TO 8110 TO UNLOAD EQUIPMENT AND DISINFECT. PUT IN NOTES.	
					03-30-2020 JHERNANDEZ -- LOADED EQUIPMENT, RANGE PASS, TRACTOR HAD MECHANICAL ISSUES WITH TRACTOR, BATTERY DIED, TRIED TO JUMP WOULD NOT START, LRC HAD TO CHANGE OUT BATTERY. GOT STARTED AND HEADED TO DITCH. CUT DOWN 10 MORE SAPPLINGS, MOWED PATH, CHIP UP REST OF EVERYTHING CUT, SPREAD OUT CHIP PILES, FINISHED HEDGING, LOADED BACK UP, DROPPED OFF RANGE PASS, BACK TO 8110, TO CLEAN AND DISINFECT AT END OF DAY	
					3/31/2020 NON CWR RP CLEAN AREA AND TRIM TREE IN THE B DITCH BY BLDG 1500 DBUTLER 03/25/2020 14:17:16 -- team arrived at B ditch east of main chapel, read and signed JSA, cut down and chipped up 500+ saplings / willows. picked up trash that filled six bags. weedeated, 100 ft from bridge, on the eastside of ditch. picked up equipment and returned to bldg 8205 .will need additional time to complete work order. DBUTLER 03/26/2020 15:09:12 -- team arrived back at B ditch, read and signed JSA. trimmed up five trees with JLG, before operation was suspended due to high winds. cut down and bucked up three trees. all branches were chipped up and logs were piled up and cored off to be taken to recycling yard tomorrow. will need additional time to complete work order. DBUTLER 03/27/2020 15:03:28 -- team arrived back at the B ditch, read and signed JSA. completed the trimming of the last three trees on eastside of ditch. cored off pile of branches and logs that didn't have time to chip up or take to recycling yard. will need additional time to complete work order.	\$6,878.14
	106780:	5200	3/25/2020 3/31/2020		3/31/2020 NON CWR RP DPW808 B DITCH GROUNDS LIFT SUPPORT RKYZER 03/25/2020 12:29:59 -- delivered lift waiting for call to picked up RKYZER 03/31/2020 07:13:30 -- picked up lift	\$145.15
	106818-	5330	3/27/2020 4/1/2020		LIFT SUPPORT DPW666 GROUNDS B DITCH CALL POC FOR DIRTECTION RKYZER 03/30/2020 15:28:56 -- delivered lift RKYZER 04/01/2020 15:07:24 -- picked up lift returned to lrc	\$145.15
	106983C	5220	4/3/2020 4/23/2020		MONTHLY CHECK AND CLEAN IRRIGATION DITCHES checked and cleaned irrigation ditches on 155 trailer park, 3M, water point, boy scout area, bug museum, and teller	\$167.44
	107308E	5300	4/27/2020 4/27/2020		SPEAKER AND HARE REPAIR ROAD SHOULDER TO DRAINAGE DITCH WTHOMASON 04/27/2020 14:54:18 -- had equipment hauled to jobsite. used grader and skid to remove 1 full dump truck	\$809.44

Pri	W/O #	Shop	Received	Completed	Description	Total Loaded Cost
3					worth of material from road shoulder to have water drain away from road. then used excavator to dig multiple trenches to force water into large ditch. had equipment picked up and returned to shop.	\$230.23
107453¢	5220	5/1/2020			MONTHLY CHECK AND CLEAN IRRIGATION DITCHES	
	6/2/2020				cleaned and checked irrigation ditches	
					didn't check teller dam never any water	
					checked 3 m ditch	
					checked the rv park checked the bug museum	
					checked water point and check boy scout camp	
107507¢	5300	5/4/2020			DITCH MAINTENANCE NEAR BLDG 9050 ALONG CONCRETE TANK TRAIL	\$3,165.98
		5/13/2020			AGANDERA 05/05/2020 14:50:15 -- started digging out ditch on east side of tank trail.	
					dig permit guy stopped me digging until comcast locator could explain why he only has 200 feet of flags marked in the middle of the ditch and the dig permit says they are clear	
					AGANDERA 05/05/2020 14:50:38 -- had 10 loads of dirt hauled to clean fill	
					AGANDERA 05/06/2020 14:45:05 -- continued digging drainage ditch. was shut down from digging drainage ditch because locate issues. waiting for final word.	
					AGANDERA 05/11/2020 14:46:39 -- continued digging drainage ditch on east side of tank trail by bldg 9050.	
					had 19 loads of dirt hauled to clean fill.	
					5/12/2020 NON CWR RP	
					AGANDERA 05/12/2020 14:47:28 -- continued digging drainage ditch on tank trail by bldg 9050.	
					had ditch hauled to clean fill	
					AGANDERA 05/13/2020 14:38:00 -- Vactor Crew jet rodded 2 culverts at the top of the hill. Will return tomorrow to finish the last culvert.	
					dug out drainage ditch on west side of tank trail by bldg 9050. spread dirt in field.	
107617¢	5300	5/11/2020			BLDG 9247 AND 9248 DITCH MAINTENNACE	\$5,423.47
		5/29/2020			JMIGUT 05/13/2020 15:31:10 -- Truck drivers delivered equipment	
					Vactor crew located 2 culvert ends and fiber line	
					Cleared culvert ends	
					Laid out ditch lines	
					5/14/2020 NON CWR RP	
					JMIGUT 05/14/2020 15:26:13 -- Started digging on ditch south of south drive	
					JMIGUT 05/15/2020 15:24:50 -- Finished digging south ditch	
					Piled all the spoils into one pile	
					Started opening up inlet of culvert going under Butts	
					Started filling wash out south of culvert	
					05/18/2020- 12 tons 2-12" rip rap delivered to site	
					JMIGUT 05/19/2020 07:10:16 -- 5/18 Truck driver delivered 12 ton of 6"-12" rip rap and hauled 2 loads to clean fill	
					Finished digging out inlet to culvert going under Butts	
					Rip rapped around culvert inlet	
					Shot in middle ditch section	

Pri	W/O #	Shop	Completed	Description	Total Cost
Received				Loaded	
				JMIGUT 05/19/2020 15:28:13 -- Started digging on south end of center ditch	
				JMIGUT 05/20/2020 15:31:14 -- Dug out center ditch to bend	
				Cleaned up and consolidated spoils into one pile	
				JMIGUT 05/21/2020 15:29:49 -- Dug out center ditch past electrical switch	
				Rounded up pipe to straighten culvert ends	
				Loaded out three loads of spoils	
				JMIGUT 05/22/2020 15:21:14 -- Dug out rest of center ditch	
				Removed rail sections that were almost serving as guards for the ends of the culvert	
				JMIGUT 05/26/2020 15:27:04 -- Laid out north ditch	
				Started digging on ditch	
				Loaded out two loads to clean fill	
				JMIGUT 05/27/2020 15:33:11 -- Dug out rest of north ditch	
				Straighten north end of north culvert	
				Loaded out two loads to clean fill	
				JMIGUT 05/28/2020 15:22:23 -- Vactor crew cleared two culverts	
				Cleared spoils from culverts out of ditches	
				Reshaped three culvert ends	
				Hydro seeder crew painted the ditches green	
				JMIGUT 05/28/2020 15:23:05 -- Installed waddle on south side of south rip rap	
				JMIGUT 05/29/2020 15:19:45 -- Dug out and rip rapped both ends of north culvert	
				Cleaned up area to include pulling locate flags	
				Loaded out one load for clean fill	
				DITCH MAINTENANCE AT BLDG 3292 ON MCGRATH	\$1,800.00
				AGANDERA 05/21/2020 14:50:35 -- had equipment hauled to job site.	
				started digging out ditch.	
				AGANDERA 05/26/2020 14:42:15 -- continued digging drainage ditch and had 10 truck loads of dirt hauled to clean fill	
				5/27/2020 NON CWR RP	
				AGANDERA 05/27/2020 14:40:39 -- continued digging drainage ditch.	
				smoothed ditch.	
				had dirt hauled to clean fill.	
				put in 4 waddels in drainage ditch.	
				WTHOMASON 05/29/2020 14:39:38 -- continued working ditchline. i am almost at the end of the ditch to where it will	
				daylight. stock piled material until truck drivers arrived. hauled 6 loads off.	
				WTHOMASON 06/01/2020 14:35:38 -- hauled off 4 truck loads of remaining stockpiled spoils. had vactor truck come and jet	
				rod the 2 24inch culverts. used 3 truck loads of water to flush out culverts.	
				WTHOMASON 06/02/2020 14:40:38 -- laid down 38 tons of roadbase to smooth out road. spread out remaining spoils. had	
				equipment hauled off.	

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Pri W/O #	Received	Shop	Completed	Description	Total Loaded Cost
107873:	5/200	5/28/2020	6/3/2020 NON CWR RP	REMOVE TREE AT BLDG 9247 IN DITCH LINE	\$0.00
	6/11/2020	6/9/20	A JACKSON LOOKED AT AREA TREES DO NOT NEED REMOVED.		
	6/29/2020	6/01/2020	Started cutting in ditch on north side of Rt 6	JMIGUT 06/01/2020 15:29:31 -- Evaluated job site	
			Removed two trees that were in ditch line	Got equipment moved to site	
			Truck driver hauled off root ball from the russian olive	Setup signage	
			Cut in rest of ditch on north side pulling dirt up onto road surface	Called dig permits for remarking	
			Truck drivers delivered roller	JMIGUT 06/03/2020 15:27:05 -- Moved grader to job site	
			Rolled road	JMIGUT 06/04/2020 15:24:02 -- Cleared dirt from underneath three guard rail faces	
			Cut ditch on south side, brought material across	Started cutting in ditch on north side of Rt 6	
			Rolled road again to include where banks were daylighted out	Removed two trees that were in ditch line	
			Dug out south side culvert outlet to tank trail, used spoils to fill ruts in tank trail	Truck driver hauled off root ball from the russian olive	
			Truck drivers picked up roller	Cut in rest of ditch on north side pulling dirt up onto road surface	
			Started daylighting south side of tank trail	Truck drivers picked up roller	
			Grader blew a hydraulic line	Rolled road	
			Mechanics came out to asses and decided it needed to go in	Cut ditch on south side, brought material across	
			Truckers drivers came out and we pushed grader up onto trailer with a loader	Rolled road again to include where banks were daylighted out	
			06/11- found crushed 24" culvert end, needs to be replaced , sent for quote for 10' section and band.	Dug out south side culvert outlet to tank trail, used spoils to fill ruts in tank trail	
			6/15 PR 213157 CORE AND MINE / HAR	Truck drivers picked up roller	
			JMIGUT 06/11/2020 16:22:04 -- Installed one u-post and 15 reflectors on ends of guard rails	Started daylighting south side of tank trail at culvert	
			Daylighted rest of south side of tank trail at culvert	Carved south side of tank trail at west culvert	
			Started opening up both ends of culvert, filling mud hole on north tank trail	Started opening up both ends of culvert, filling mud hole on north tank trail	
			JMIGUT 06/15/2020 16:28:27 -- Dug out south end of culvert and cut back to straight culvert	JMIGUT 06/15/2020 16:28:27 -- Dug out south end of culvert and cut back to straight culvert	
			6/16 po 123270 edd 6/17 /har	6/16 po 123270 edd 6/17 /har	
			PO 123270 edd 6/17	PO 123270 edd 6/17	
			JMIGUT 06/16/2020 16:29:20 -- Opened up north side of culvert and started cutting back culvert to straight section	JMIGUT 06/16/2020 16:29:20 -- Opened up north side of culvert and started cutting back culvert to straight section	
			6/17/2020 NON CWR RP	6/17/2020 NON CWR RP	
			JMIGUT 06/17/2020 16:19:51 -- Installed culvert extension and pan on south side of culvert	JMIGUT 06/17/2020 16:19:51 -- Installed culvert extension and pan on south side of culvert	
			JMIGUT 06/18/2020 15:24:29 -- Backfilled around culvert and pan	JMIGUT 06/18/2020 15:24:29 -- Backfilled around culvert and pan	
			Installed BFR to guard end of culvert	Installed BFR to guard end of culvert	
			Built perm to direct water to along tank trail	Built perm to direct water to along tank trail	

Pri	W/O #	Shop	Completed	Description	Total Cost
Received					Loaded
	3				

Dug out ditch to tank trail
 JMIGUT 06/22/2020 16:25:17 -- Cut back the rest of the culvert inlet
 Installed pan
 Backfilled around culvert and pan
 Dug out inlet area
 Started spreading spoils in ruts on north side of north tank trail
 JMIGUT 06/25/2020 16:21:48 -- Put in cut out on north side of Rt 6
 Shaped north side of culvert and tank trail
 Shaped south side of culvert and tank trail
 JMIGUT 06/29/2020 16:22:37 -- Went down to pick up grader and it had a flat tire, came back and got down range truck to air up tire then delivered it to Will's job
 DITCH MAINTNENANCE ON RT 1 SOUTH OF RANGE 115B
 [REDACTED]

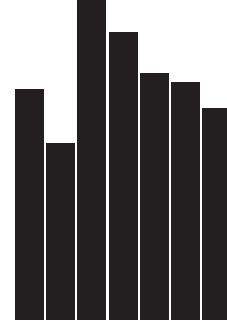
107986: 5300 6/1/2020 6/23/2020 \$12,170.98

I checked the vegetation around the Range 115 culvert this morning. The only nest I saw was a magpie nest (big round thing) in the big tamarisk on the west side of MSR 1. I watched it for 15 minutes or so and didn't see any birds coming or going, so I don't think it's active. I'll stop by again on Monday to watch it again, but I'm pretty sure that nothing is using it.

The big tamarisks on the east side have a lot of vegetation that's been caught in the branches so there are a lot of things that sort of look like nests, but I don't think that any of them are. Once you start working, if you find any nests or notice any very agitated birds (aside from the swallows), give me a call and I can come take a look.

There are several dozen swallows that will be pretty agitated, especially when you're actually working in the culverts, so you may want to give your folks a heads up!

Let me know if you have any questions,



06/02/2020-AWL- dig permit expires on 06/18/20 , will start on 06/08/2020 per conversation with Anna Joy this date
 WTHOMASON 06/08/2020 16:11:43 -- hauled out and placed 5 straw waddles at the fenceline of fort carson. began digging out the pan on all 6 culverts, and stock piling spoils.
 WTHOMASON 06/09/2020 16:07:42 -- continued working exit side of culvert, filled in large washouts on firebreak and built ramp on both sides of ditch. 10 loads of spoils hauled out.

**Total
Loaded
Cost**

Pri W/O # **Shop** **Completed** **Description**

3

WTHOMASON 06/09/2020 16:09:54 -- looked at both trees for nests and could not see any bird nests so i removed the trees.
 WTHOMASON 06/10/2020 16:02:40 -- continued working exit side of culvert. cleaned dirt to grade all the way to the fence line, stock piled dirt, hauled out 16 truck loads of spoils.
 WTHOMASON 06/11/2020 16:13:25 -- finished working exit side of culvert and stock piling spoils. began working inlet side from tank trail. roughed entire area in and stock piled spoils. hauled out 17 truck loads of spoils.
 06/11- traveled to site , checked area for workmanship and BMP, traveled out
 WTHOMASON 06/15/2020- Truck drivers hauled out 15 truck loads of spoils.
 WTHOMASON 06/16/2020 16:13:59 -- finished hauling out stock piled spoils. used water pump to suck all the water out of sediment basin. began using skid to clean out box culverts. cleaned out #6 completely and hauled off all spoils. hauled off 14 truck loads of spoils.

6/17/2020 NON CWR RP
 WTHOMASON 06/17/2020 15:52:51 -- continued cleaning out box culverts, 5 of 6 box culverts are now clean. hauled off 12 truck loads of spoils.

WTHOMASON 06/18/2020 16:19:30 -- finished cleaning out box culvert number 6. finished digging out inlet side, graded and smoothed area of bot inlet and outlet sides. dug tank trail down to concrete crossing. dressed up area. will need to blanket area and place some riprap.

WTHOMASON 06/23/2020 16:12:23 -- hauled in 35 tons of 12"-24" riprap and installed on the exit side of the culverts at the base of the sides. installed 10 erosion blankets on all sides of job that were worked. job is now complete.

108011€ 5600	6/3/2020	7/7/2020	DOWN RANGE DITCH MAINT	6/11/20 begin cleaning culvert end and inlets ongoing continue as time allows. ET 6/30/20 clean debris from culverts grade out ditches as needed.ET	\$253.51
108019: 5300	6/3/2020	6/4/2020	(NON-CWR) VACTOR TRUCK SUPPORT CLEAN UP STORM DRAIN BLDG 2259 EAST SIDE - REPR WATER MAIN BREAK #1080075 - CWR	Bldg 2259	\$253.51
			Clean out storm drain on north side of bldg after line break	Chuck Pettit 492-8278	

108066: 5220	6/5/2020	6/30/2020	SFALASCO 06/04/2020 14:53:19 -- Sprayed down work area due to heavy dirt build up and cleaned storm drain.	MONTHLY CHECK AND CLEAN IRRIGATION DITCHES	\$125.58
108481: 5300	6/30/2020	7/21/2020	checked ditches checked the 3 m ditch no water flowing through checked water point ditch weed eat pathway to the building bug museum and the rv park no water flowing through boyscout no water flowing through FIRE DISP - BLDG 5950 & 5930 - THE GRATE THAT GOES AROUND THE STORM DRAIN IS MISSING EMAIL HEATHER & ADAM AT 9:44. CMS		\$348.90

29 Jun 20- found the open storm water drain missing. Please a temporary cover to keep children from playing in it. Will have

Pri	W/O #	Shop	Completed	Description	Total Received Loaded Cost
				3 to order parts and remount with correct cover when we get it. requesting DG,jmd	
				6/30 Blane approved down grade/ har	
				07/01-AWL- went to site and removed temp grate for possible Bears in drain, found no bears per wildlife, reinstalled grate, will meet with welder to get measurements to construct new permanate grate on 07/08	
				07/08-AWL- MET WITH [REDACTED], GOT MEASUREMENTS TO BUILD NEW GRATE, STRUCTURES	
				SO# 1085623, EXPECTED BUILD TIME 7-10 WORKING DAYS.	
				07/21-AWL- new grate was installed on 07/20 by [REDACTED]	\$334.88
				MONTHLY CHECK AND CLEAN IRRIGATION DITCHES	
	10850508:	5220	7/2/2020	JLOPEZ 07/21/2020 11:32:46 -- checked rv park ditch no running water try to check waterpoint ditch it was to muddy	
			7/21/2020	JLOPEZ 07/21/2020 12:19:06 -- checked and cleaned 3 m ditch no water did not check teller dam checked boy scout ditch no water	
				[REDACTED] DITCH MAINTENANCE AT BLDG 207 AND WICKERSHAME	\$407.15
			7/23/2020	PGOMEZ 07/15/2020 16:13:46 -- start cleaning out ditch back tomorrow	
				PGOMEZ 07/21/2020 15:30:34 -- dig ditch line across the street from stock yard hall off 2 dumptruck loads of dirt clean up	
				[REDACTED] DITCH MAINTENANCE AT BLDG 6058 AND MARTINEZ	\$514.69
			7/15/2020	JBOGGS 07/21/2020 14:44:41 -- walked area and confirmed dig permit with locates, hand dug to expected depth above electric, dug out end of culvert pans, pulled out and replaced damaged pan from pipe. backfilled around new pan, dressed and leveled area and loaded excess dirt into 450. parked equipment raked and swept area. drove 450 to clean fill and threw away material due to how much trash was in it.	
			7/21/2020	[REDACTED] DITCH MAINTENANCE AT SEDIMENT POND AND BOOTH CANYON	\$24,411.07
				07/17-hauled DPW E834 TO BOOTH CANYON	
				AGANDERA 07/20/2020 16:06:09 -- [REDACTED] had dpw 185 hauled to job site.	
				me and john started digging out sediment pond in booth canyon and put the spoils on rt 11 to divert water off of road and into sediment pond.	
				AGANDERA 07/21/2020 16:15:46 -- [REDACTED] continued digging out sediment pond in booth canyon. put	
				spoils on rt 11 smoothed dirt and rolled.	
				AGANDERA 07/22/2020 16:19:14 -- [REDACTED] working booth canyon. continued digging out	
				sediment pond and building up shoulders on route 11, had 2500 gallons of water put on route 11.	
				[REDACTED] continued digging drainage basin with excavator. used loader to build shoulder of booth canyon.	
				AGANDERA 07/23/2020 16:16:35 -- [REDACTED] continued digging out sediment pond in booth canyon and building up the road on rt 11.	
				AGANDERA 07/27/2020 16:14:16 -- continued digging out sediment pond in booth canyon and building up the road on rt 11.	
				AGANDERA 07/28/2020 16:08:34 [REDACTED] continued digging sediment pond in booth canyon. put 15 truck loads of dirt from sediment pond on rt 11. smoothed dirt and rolled rt 11.	
				AGANDERA 07/29/2020 16:22:38 -- [REDACTED] continued digging sediment pond in booth canyon. had equipment issues with dpw 185, had mechanic come and try to fix it.	
				had 10 loads of dirt hauled to low spots on rt 11.	
				AGANDERA 07/29/2020 16:23:29 -- had 3000 gallons of water put on rt 11 and rolled	
				[REDACTED] and equipment delivery drivers.	

Pri W/O # **Shop** **Completed** **Description**

3

had dpw 187 delivered to booth canyon and had them pick up dpw 185 and brought to mechanic to get fixed.
continued digging sediment pond in booth canyon and had 20 truck loads of dirt hauled to rt 11 to build up roadway. spread dirt and rolled.
AGANDERA 08/04/2020 15:52:10 -- [REDACTED].
continued digging out sediment pond in booth canyon and having the dirt hauled to rt 11 to build up the road. spread dirt and rolled.

16 truck loads of dirt

AGANDERA 08/05/2020 16:11:57 -- [REDACTED]
continued digging sediment pond in booth canyon and had 20 truck loads of dirt hauled to rt 11.
built up rt 11 smoothed and rolled.

AGANDERA 08/06/2020 15:54:32 -- anthony, will and dustin.
continued digging sediment pond in booth canyon.
had 18 loads of dirt hauled to rt 11.
built up rt 11 and smoothed area.

AGANDERA 08/10/2020 16:12:01 -- [REDACTED]
had 38 truck loads of dirt hauled out of sediment pond in booth canyon and brought to rt 11 to build up roadway. spread dirt and smoothed area.
AGANDERA 08/11/2020 16:21:20 -- 2 operators and 2 truck drivers.
had 6 truck loads of dirt hauled from sediment pond to rt 11.
truck got stuck and broken, had the second truck brought down after lunch and it got a flat tire.
graded rt 11 where we have been placing dirt. smoothed sediment pond area.

AGANDERA 08/12/2020 16:18:05 -- 2 operators and 2 truck drivers.
continued digging sediment pond in booth canyon and had 33 truck loads of dirt hauled out of sediment pond to rt 11.
graded dirt on rt to build it up

approximately 70 percent complete

AGANDERA 08/13/2020 16:12:45 -- 2 equipment operators and 2 truck drivers.
continued digging sediment pond in booth canyon and had 21 truck loads of dirt hauled out to rt 11.
spread dirt on rt 11 and sprayed 2 loads of water on rt 11.
AGANDERA 08/17/2020 16:16:40 -- 2 equipment operators and 1 truck driver.
continued digging the exhaust side of sediment pond in booth canyon.
loaded 15 truck loads of dirt and had them hauled to rt 11 to build up roadway.
smoothed dirt.

8/18 emailed JJ request to extended wo approved to 8/21/har
8-18-20= 2 operators, 3 truck drivers, continued digging and shaping exhaust side of sediment pond, graded sediment pond.
had 22 loads of dirt hauled out of sediment pond and put on rt 11.
had 3 truck loads of rip rap haul to sediment pond from clean fill site and 1 load of small rock for rt 11.
AGANDERA 08/19/2020 16:14:32 -- 2 equipment operators and 3 truck drivers,
smoothed edges in sediment pond and graded the bottom of sediment pond.
had truck drivers bring 10 loads of used road base from clean fill and spread on rt 11.

Total
Loaded
Cost

Pri W/O # **Shop** **Completed** **Description**

3

traveled to site , checked work for quality and completeness of work, all ok-AWL AGANDERA 08/20/2020 16:06:29 -- 2 equipment operators and 1 truck driver. had 3 truck loads of used road base from clean fill delivered to rt 11. placed bfr's on inlet to sediment pond to keep vehicles out. graded rt 11 where we built up and had 2 loads of water sprayed on rt 11. brought dpw 188 back to stock yard.

Received	Completed	Description	Total	Loaded	Cost
		CHECK AND CLEAN STORM DRAINS POST WIDE	\$1,931.45		
108669r 5300	7/16/2020	7/17/2020 Checked problem areas around post for drainage problems. Cleaned up and cleared drains to allow water flow. Emptied drip pans and vacuumed out standing water from the fuel truck containment at building 8200. Cleaned drop inlet in front of building 8000 off O'Connell. Cleaned culverts at Specker and Prussman as well as Prussman and Lemon park. Jet rodder both the entrance and exit culverts at building 1829 (Special Events Center). Cleared drop inlets along Magrath (9). Cleared 2 culverts on Old Reliable and Wetzel. Sralasco 7/16/20			
		07/16-CLEANED OFF 20 DRAINTOPS ALONG MAGRATH STREET, CHECKED DRAINAGES ALONG SPECKER, WETZEL, BARKLEY, TITUS,CLEANED MUD IN VARIOUS PLACES FROM CONCRETE CROSSINGS ON MINNICK ST, CLEANED MUD AND DEBRIS FROM CULVERT @ 2792, 2992, IHP AND WETZEL CLEANED OUT CULVERT END, NEEDS FURTHER WORK, 7506 CLEANED OUT END FURTHER WORK NEEDED, NEED TO DO SHOULDER ON SUTHERLAND CIRCLE, CHECKED CULVERTS AND DROPS @ BAAF AREA, CHECKED PANS AND DROPS IN THE 9400 AREA			
108722: 5300	7/18/2020	7/23/2020 NON CWR RP KWAJEALEIN AND BIAK - MANHOLE COVER LOOSE DUE TO DAMAGED STORM DRAIN	\$0.00		
	7/30/2020	07/29- had welder and Dave go to site, re-installed broken part, weld and bolt in place, place cover on drain			
108887: 5300	7/29/2020	DITCH MAINTENANCE O'CONNELL AND CONCRETE TANK TRAIL RBALTHAZOR 07/29/2020 15:55:58 -- went and dug out the ditch line on both sides of the tank trail and in between the dirt and concrete trail. had brian come and haul off the dirt and scott and stephanie come by and jet rodded the colvert to clean it out	\$473.99		
	7/29/2020	DITCH MAINTENANCE BLDG 2650 LONG SPECKER PGOMEZ 07/30/2020 17:29:37 -- start digging out ditch line me and jhon hall off 5 dumptruck load loads of dirt back monday			
	8/26/2020	JMIGUT 08/04/2020 16:25:27 -- Started digging on south end of ditch south of parking lot entrance No truck driver available so came back to shop, got dump truck, hauled 2 loads to clean fill			
	7/29/2020	JMIGUT 08/05/2020 16:20:00 -- Dug out 4 loads from ditch south of south driveway and hauled to clean fill since no truck driver was available			
1088887: 5300	7/29/2020	JMIGUT 08/06/2020 16:16:01 -- Worked culvert clean up most of day, serviced equipment in the afternoon JMIGUT 08/10/2020 16:25:09 -- Dug out rest of south side of driveway, started digging on north side Truck driver hauled 5 loads to clean fill			
	8/11/2020	JMIGUT 08/11/2020 16:28:30 -- Ran fuel in the morning Pete started digging on ditch and truck driver hauled 2 loads to clean fill Worked on shaping ditch			
		JMIGUT 08/12/2020 16:30:58 -- Truck driver delivered 2 ton of 12-24 rip rap and 16 ton of 2-12 rip rap Used appx 30 feet of felt mirafy to bed rock Used large rip rap to start filling wash out below beaver slide Used small rip rap to finish filling wash out and to create rock filter for ditch and beaver slide			

Total
Loaded
Cost

Pri W/O # Shop Completed Description

3

Shaped more of the ditch and hauled 3 loads to clean fill
2 operators and 1 truck driver
62% complete

JMIGUT 08/13/2020 16:22:07 -- Worked on shaping ditch
Truck driver hauled 4 loads to clean fill
2 operators 1 truck driver
70% completed

JMIGUT 08/17/2020 16:23:47 -- Cleaned top of ditch line
Put dirt behind curb on Specker

Truck driver delivered 1 load from clean fill
1 operator 1 truck driver
75% complete

JMIGUT 08/18/2020 16:28:22 -- Worked sections behind curb

1 operator
80% complete

JMIGUT 08/19/2020 16:28:58 -- Started digging on noxious weeds at Cobra culvert

Truck driver hauled 2 loads to clean fill
1 operator 1 truck driver
83% complete

JMIGUT 08/20/2020 16:09:00 -- Finished backfilling curb before being shut down by lightning and rain
1 operator
84% complete 11 TONS RED BREEZE

8/21/2020 NON CWR RP
JMIGUT 08/24/2020 16:28:20 -- Truck driver delivered 11 ton of breeze
Dug out section between driveway and sidewalk on Cobra
Dug out section between driveway and corner on Cobra
Truck driver hauled 3 loads to clean fill
Reset Bfr's that were moved for access

Used breeze to fill edges around electric vault and to color sections of running trail
JMIGUT 08/24/2020 16:28:57 -- 1 operator 1 truck driver
94% complete

DITCH MAINTNENACE RANGE 60 ON TANK TRAIL C
RBALTHAZOR 07/30/2020 15:24:03 -- got to the site and waited for my the equipment to get here. that took awhile for it to get here. then had stephanie and scott come and pothole the ends of the colvert. i dug out the end so they could jet rod the pipe. they got half way thru but ran out of water so will have to come back tomorrow and try again. got the ditch rough in RBALTHAZOR 07/31/2020 15:35:40 -- finished digging the ditch then stephanie come back and cjet rodded the colvert and got it all cleaned out. then had byron come out and he hauled off 2 loads of dirt. dressed up the area and left

8/21/2020 NON CWR RP
108914€ 5300 7/30/2020 DITCH MAINTNENANCE AT BLDG 501 AND 517

\$1,369.36

Pri	W/O #	Shop	Received	Completed	Description	Total Cost
3			8/11/2020	JBOGGS 08/06/2020 15:33:56 -- put out road sign. had equipment delivered. verified locates with dig permit. refreshed paint. dug out old rip rap and ripped out broken pans. rough dug ditch line about 3/4s of the way twoard drain. JBOGGS 08/11/2020 11:54:38 -- 08/07 rough dug last 1/4 of ditch length. pulled windrow back into pile. spread and leaveled dirt. added 6 tons of top soil across top with backhoe. loaded 1 truck out. dug and prepped pans for fabric and rock. JBOGGS 08/11/2020 12:11:53 -- loaded truck out. spread and leaveled dirt to grade. tracked and backdrug to clean up area. layed fabric under pan and prepped for rock. installed 2 fob metal 12in pans from stock yard. used 1/4 all thread and telspar to build straps. strapped pans in place around pipe. layed in 5 tons of 2-12in rip rap around pans. shaped drain area. wraked jobsite picked up trash and debris.6 TONS TOP SOIL	JBOGGS 08/11/2020 12:13:38 -- set up to have grounds come and seed area couldnt fit our big drill seeder in work area. planining to come and hydramulch over the top of it tomorrow.awl-looked at area JBOGGS 08/12/2020 15:13:59 -- hydromulched ditchline and work area. used 6 bales 2 loads. 1 extra load of water sprayed on top. had sweeper come through and clean curblne.	\$0.00
			8/21/2020	NON CWR RP	DITCH MAINTNENANCE AT TITUS AND BAD TOLEZ	\$550.65
			7/30/2020		due to various pri one and two service orders due to storm damage and dig support to other shops, this SO# has run long. dig permit is about to expire. will re submit dig permit and then open new SO to work this.	
			8/26/2020		MONTHLY CHECK AND CLEAN IRRIGATION DITCHES	\$418.60
			7/31/2020		will go out and check ditches on 8/24/2020 j]	
			8/25/2020		check and cleaned irrigation ditches at 3m ditch water point bug museum boy scout rv park, teller dam has construction going on	
			8/10/2020		SPRAY WEEDS IN DITCH / PARKING LOT AT 8012	
			8/13/2020		WFRACTZ 08/11/2020 -- BEGAN TO SPOT SPRAY 8012. WEST DITCH COMPLETE, EAST DITCH 20% DONE, DIRT PARKING LOT 80% DONE, OVERALL 8012 IS 50% DONE, LOAD BACK UP AND HEAD BACK TO SHOP FOR CLEAN UP.	
					PRODUCT - RP/V ACRES - 1	
					WFRACTZ 08/12/2020 -- CONTINUED TO BROADCAST SPRAYING 8012. FINISHED DITCH AND FENCELINE. BROADCAST SPRAYED LARGE KOCHIA BLOOM ON WESTERN END OF MOTOR POOL.	
					SPOT SPRAYED THE REST. LOAD BACK UP AND HEAD TO NEXT JOB.	
					PRODUCT - RP/SZ/GR/V ACRES - SZ/GR 2 RP - 5 V - 2	
			8/11/2020		DITCH MAINTENANCE AT BLDG 524	\$1,801.55
			8/19/2020		JBOGGS 08/18/2020 15:42:03 -- set cones. verified locates with dig permit. hand dug 2ft down over comm line. no line 3 time dig depth. dug back rock and shaped ditch as i went. piled in center. dug back other side and shaped. piled in center. picked out fabric and through in dumpster. loaded 2 trucks out. dug ou center and shaped. loaded 1 truck out.	
					1 operator 1 truck driver.	
					12 TON 2-12 RIP RAP, 12 TON RED ROCK	
					JBOGGS 08/19/2020 15:34:23 -- shaped dirt. had vactor blow out north pipe (it was 3/4 full) and clen out grate under sidewalk. shaped mud and reshaped. ditch line. laid fabric. laid 12tons of rip rap in drainage area. laid 12 tons of red rock across rest of fabric. hand raked and smoothed. swept edges. picked up cones and debris.	

Pri	W/O #	Shop	Received	Completed	Description	Total Loaded Cost
					1 operator. 1 truck driver. 2 GMWs(vactor)	
109562:	5300	8/31/2020	10/7/2020	NON CWR RP	DITCH MAINTENANCE AT SPORTS COMPLEX	\$2,825.98
		9/2/2020			Ditch maintenance @ sports Complex- Will ,4 days, 1 operator, 1-2 drivers	
					WTHOMASON 08/31/2020 16:20:53 -- had equipment hauled to jobsite, began digging ditchline to culvert entrance, then from culvert exit another 25 feet or so. hauled off 5 dump truck loads of spoils to cleanfill. 1 operator and 2 truck drivers on job.	
					WTHOMASON 09/01/2020 16:21:04 -- continued working ditchline made it about 20 feet from the end. hauled off 6 truck loads of spoils. 1 operator and 1 truck driver on job.	
					WTHOMASON 09/02/2020 16:11:10 -- finished ditchline all the way to the exit where it falls into the main ditch. had vactor come jetrod culvert clean. installed 15 tons of riprap on top of fabric at the end of the ditch. graded road and cleaned up area, placed BFRs back in position. job is complete. 3 truck drivers, 1 operator on job.	
109627:	5300	9/3/2020	10/7/2020	NON CWR RP	DITCH MAINTENANCE ON CONCRETE TANK TRAIL WEST OF 9247	\$3,771.08
		9/17/2020			WTHOMASON 09/03/2020 16:12:49 -- started potholing to find drop inlet. found box covert. dug back from box culvert to end of dig area. stock piled road base on edge of tank trail. had vactor crew jet rod exit culvert and clean out box culvert. 1 operator, 1 GMW and 3 truck drivers on job	
					CDANSBY 09/11/2020 15:31:41 -- Moved DPW E835 with breaker to site and broke out grouted rip rap . Removed with DPW O67 .	
					Excavating ditch for rip rap at inlet. Stephanie hauled off 2 loads of dirt to clean fill .	
					CDANSBY 09/15/2020 15:38:08 -- Excavating ditch for new rip rap . Dustin hauled off 1 load of dirt to clean fill yard . Hauled in 2 loads of rip rap or 28 tons . Cleaning silt out of center of ditch withDPW O67 to prevent erosion on edge of tank trail.	
					CDANSBY 09/16/2020 16:07:10 -- Cleaned out center of median on tank trail with DPW 067 Takeuchi mini excavator and reestablish ed ditch . Moved DPW E835 Back to 8200	
109647:	5220	9/4/2020	10/7/2020	NON CWR RP	MONTHLY CHECK AND CLEAN IRRIGATION DITCHES	\$125.58
		9/24/2020			scheduled for week of 9/21/2020	
109826:	5300	9/15/2020	10/7/2020	NON CWR RP	SPHILLIPS 09/24/2020 15:52:27 -- Checked on ditches	\$2,922.30
		9/22/2020			DITCH MAINTENANCE TITUS AND BAD TOELZ	
					9/15 Joe Boggs- set shoulder work signs an bad toelz and titus. Walked job site and verified locates with dig permit. Marked	

Total
Loaded
Cost

3

Pri	W/O #	Shop	Completed	Description
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additional hazards and obstacles (Utility boxes and sign posts). Grubbed out vegetation down whole ditch line. Pushed up spoils into pile. Loaded 5 trucks out. Smoothed job area.

09/16 [REDACTED] - Dug out and prepped inlet outlet and beaver slides for Rip rap. Dug out high spots. Filled in low spots. Had skid steer delivered. Skid was having issues and had to call for a service call. they said continue to use it until I can get it in to the shop. Gonna switch out skid tomorrow morning. Loaded 1 dump truck out. Had 1 load of fill dirt from cleanfill delivered spread along curb line of bad toeiz to build it up. shaped and tracked in dirt along curb. swept and shoveled up debris. had sweeper clean gutter.

09/17 [REDACTED] - Drove grader to jobsite. Graded west side of south shoulder up into a wind row. Graded east side of south shoulder down into ditch to fill. then graded material from ditch up to curbline. Picked up windrow and placed along curbline. had 2 loads of fill dirt(cleanfill) delivered and placed material along curm line. Worked ditch shoulders. Graded material back from curb. wheel rolled roadside. Shoveled and raked up curbline. had sweeper come through and clean curb as well. prepped inlet outlet and drain pans for fabric and rock tomorrow.

09/18 [REDACTED] - Had rock deleivered to job site (1 load 12 tons 2"-12" rip rap, 2 loads 22 tons 12"-24" rip rap)
Laid double layer of grey fabric (roughly 80' material) at inlet outlet and drain slides. Covered and shaped with rock. backfilled curb in corner and around lightpole by hand with remaining dirt. policed up and smoothed out jobsite. Will need to hydroseed approx 16 bales sometime next week when seeder is back from LRC. drove grader back to shop and went back to pick up truck. picked up signs. walked jobsite 1 more time.

9/18/2020- 12 TONS CDOT 2"12" RIPRAP

9/18/2020- 22 TONS 12"-24" RIPRAP

09/22 [REDACTED] - Hydromulch on order we will return to spray it when delivered.

109870<	5300	9/17/2020	10/7/2020 NON CWR RP
		9/22/2020	ROUTE 5 DITCH MAINTENANCE
			CDANSBY 09/17/2020 15:57:35 -- Removed rip rap .end section and 4 pieces of smart ditch liner and excavate eroded
			material from ditch with DPW 067 Takeuchi mini excavator . Mostly labor removing and re installing .
			CDANSBY 09/18/2020 16:10:24 -- Back filled plastic smart ditch liner ,placed rip rap at end section and cleaned out silt to
			promote drainage with DPW 067 Takeuchi mini excavator .
			CDANSBY 09/22/2020 16:13:44 -- Finished installing top on smart ditch ,120 screws and washers and placed topsoil on edges with DPW 067 Takeuchi .
			Chris Bond helped today .

109978<	5300	9/22/2020	10/7/2020 NON CWR RP
		10/2/2020	BLDG 6110 DITCH MAINTENANCE
		09/22 [REDACTED]	- Had equipment delivered. Went and got ditch bucket from vehivle yard. Walked jobsite to verify locates with

Pri	W/O #	Shop	Received	Completed	Description	Total Cost
3						
Loaded						
					dig permit, swapped over to ditch. Grubbed out vegetation and silt to see grade. started packing dirt against curb line to build it back up.	
09/30					09/30 [REDACTED] south ditchline by loading docks. Roughed out grass. placed along curb for backfill. dug out rip rap at 3 spots to haul off fabric and replace. swept curb.	\$1,897.84
110029:	5300	9/24/2020	BLDG 2392 - NORTH END OF BLDG NEAR PORTA JOHN BETWEEN BAYS 26 & 27 - CONCRETE AROUND STORM DRAIN		BREAKING APART - SAFETY CONCERN - MARKED WITH GREEN TRAFFIC CONES	
					EMAILLED JIM & ADAM @ 3:45 9/21/2020 - JDW	
					RSALAZAR 09/23/2020 14:24:04 -- Inspected area at building 2392,need to remove broken concrete around storm drain,	
					install concrete forms,install concrete around drain.	
					9/24 emailed structure for welder support child need them to weld drain / har	
					9/25 verbal from [REDACTED] to dg/ har	
					RSALAZAR 09/24/2020 11:37:04 -- Inspected area at building 2392,removed broken concrete around storm drain,called welder Martin to look at broken drain,sat to low,he said we would need to order new drain frame,grate,them order concrete to install around storm drain,put out safety cones,barriers around storm drain.	
					RSALAZAR 09/28/2020 15:17:22 -- Waiting for parts to come in to repair drain,install concrete at building at building 2392	
					10/13 PR 215626 [REDACTED]	
					10/13 po125475 edd? / har	
					10/15 JJ approved request for extension approved to 10/30/20 / har	
					10/15 POparts will take 5 wks min requested extension to 11/30 JJ approved / har	
					10/27 PO 125475 EDD 11/23 /KRM	
					11/4 JJ approved extension to 11/20 / har	
					11/09- AWL-picked up parts @ Lindsay, had Parts received @ 214, got conseal and straps, traveled to site. placed concrete slab with drain in open hole, had to grind off small amount of concrete to mak fit properly, placed conseal, reset peice , put backer rod in gap, put in sikaflex, picked up barriers and cones , job complete	
110253:	5220	10/2/2020			MONTHLY CHECK AND CLEAN IRRIGATION DITCHES	\$85.26
110531:	5200	10/13/2020			SPHILLIPS 10/20/2020 12:40:39 -- checked and did little cleaning	
					TRIM TREES ALONG DIRT ROAD/ DITCH AREA ON NO NAME ROAD GOING INTO SPORT COMPLEX AREA	
					10/13/2020 trim trees at the stop sign	
110540:	5300	10/14/2020			CONPEND - (CWR) CLEAN OUT STORM DRAIN FROM BLDG 1363 TO PARKING LOT 1361	\$6,976.29
					11/23/2020 PO 125811 EDD 11/3/ HAR	
					11/3 PART RECEIVED / HAR	
					11/4 JJ approved extension to 11/20 / har	
					11/04/20 [REDACTED] - walked jobsite. verified locates with dig permit. Dug down to pipe cleaned around pipe. started digging back to north by electric box. Loaded 2 trucks of dirt out. Scraped and scooped up redrock and piled to side. Put up fence and cones parked equipment.	
					11/05/20 [REDACTED] - took down fence and cones. C&D brought vactor over and located comm line for us. Looked as though comm line might have been bored straight through pipe. So re positioned machine and dug along vault along comm line. line	

Pri	W/O #	Shop	Completed	Description
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was directly on top of bell joint for drain pipe but not broke, repositioned machine and dug around comm line along original trench, had electric comm out and take down light pole. took down signs from telspar. set fence and cones.

11/06/20 Took down fence moved cones. Cleaned out remaining dirt around comm line, dug back to where electric an gas should intersect. Couldnt get vactor support and ground was to hard to hand dig(we tried). Parked equipment. set fence and cones. cleaned up jobsite. will need vactor to verify electric and gas before continuing. didnt want to take chance of hitting either with where they crossed the trench.

11/09 pot holed electric and gas at intersection dug back and around gas and ele. Along vault found storm drain on north side of vault 1 stick past vault found unknown elec. Primary bored straight through storm drain, called locates and elec. Not on any maps and believe to be abandoned elec. will have to verify- [REDACTED]
11/10 elec. verified and spiked and cut abandoned elec. line dug out and cleaned backto sidewalk along storm pipe called safety, the plan & got guidance on dressing hole for boxless entry scoped out west side of hole stepped east side down to gas put up fence and blocked off site- [REDACTED]

[REDACTED] out water called safety & got clearance to go in hole cut out other side of abandoned conduit with sanzan and pulled out of the pipe broke out and removed broken stick of storm drain had vactor go up line and power water to make sure rest of the pipe is clea, water flowed freely into and out of hole bedded and backfilled french up repaired site took fence off jobsite - [REDACTED]

11/16 TOOK DOWN FENCE & CONES, MOVED EQUIPMENT OUT OF WAY, SET LADDER, PUMPED OUT WATER, CALLED VERN FOR ENTRY CLEARANCE, ENTERED HOLE AFTER RECEIVING CLEARANCE. CUTE PIPE OT FIT. HOOKED UP FERNCO COUPLING AND TIGHTENED DOWN STRAPS. PACKED CONCEAL IN AROUND BELL SIDE THEN CONCRETED A COLLOR AROUND PIPE. PULLED LADDER. PICKED UP TOOLS AN DCLEANED UP JOB SITE. SET FENCE AND CONES.JBOGGS

11/17 TOOK DOWN FENCE, PULLED POSTS, BEDDED PIPE AND GAS LINE WITH STRUCTURAL FILL. HAD 1 LOAD OF FIL DIRT BROUGHT FROM CLEANFILL. BACKFILLED HOLE BUCKET COMPACTING IN 2FT LIFTS. HAD 14 TONS OF REDROCK DELIVERED. LAID FABRIC AND SPREAD ROCK. DRESSED UP JOBSITE. PICKED UP CONES AND SIGNS. HAD ELECTRICIANS RESET LIGHT POST. RESET PARKING SIGNS IN TELSPAR. HAD SWEEPER MAKE A PASS THROUGH PARKING LOT-JBOGGS \$341.02

11/0883: 5220 10/30/2020 MONTHLY CHECK AND CLEAN IRRIGATION DITCHES 11/10/2020 14:41:46 -- cleaned up ditches ,weedeated areas and removed pine cones in areas \$213.14

111505: 5220 12/4/2020 MONTHLY CHECK AND CLEAN IRRIGATION DITCHES 12/23/2020 13:07:26 -- checked on ditches ,they are good \$3,054.32

111779: 5300 12/15/2020 DITCH MAINTENANCE ROUTE 1 AND TANK TRAIL B 12/22/2020 12/16/20 Joe Boggs- Had excavator moved down to jobsite. 4 loads of dirt delevired and set along road edge. Tracked ex down and cleaned out debris piles around trees so they can be cut down.

12/17/20 [REDACTED] - Shot grade troughtout ditch and road. figured out placement of pipe and inlets to allow flow and 2ft cover over pipe. Dug and shot grade for inlet and outlet. started digging north ditch line.

12/18/20 [REDACTED] - Dug south ditchline. started shaping road as best i could with an excavator. Started shaping north ditchline.

12/21/20 [REDACTED] - Spread dritt on road. had water truck wet it down. track compacted and resmoothed dirt. Dug out

Pri	W/O #	Shop	Received	Completed	Description	Total Cost
						Loaded
3					blockage at south side of ditchline.	
					12/22/20 Joe Boggs- Spread 4 more loads of dirt on road, spread and leaveled dirt, had truck wet road down, track compacted road as best i could with excavator. cleaned up jobsite. culvert pipe will be installed on ariavial under diffrent WO.	
					1/11/2021 Non CWR RP	
					Total Service Orders for Priority 3: 55	\$143,708.40
					Total Completed for Period: 67	\$145,785.85