

A. PERMITTEE INFORMATION

Permittee (Agency Name): United States Department of the Air Force
US Air Force Academy
Mailing Address: 10 Civil Engineering Squadron
8120 Edgerton Drive
City, State, and Zip Code: United States Air Force Academy, Colorado
80840

Point of Contact: Barry Schatz
Department of the Air Force (DAF) GS-12
Water Program Manager *Barry Schatz DAF GS-12*
Contact Phone Number 719.333.6716
Contract Email Address barry.schatz.2@us.af.mil

Permit Certification Number: COR-042007

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

Website with information relevant to compliance with the MS4 permit:
<https://www.usafa.af.mil/About-Us/Environmental-Management/>

B. REPORTING PERIOD

January 1, 2025, to December 31, 2025

C. IMPLEMENTATION OF EPA’S STORMWATER MANAGEMENT PROGRAM

4.2.1 The Permittee must submit an annual report to the EPA for each year of the Permit term. The first report is due April 1, 2026, and must cover the activities during the period beginning on effective date of the Permit through December 31, 2025.

The outline of this annual report is as follows:

1. General Requirements
2. Public Education and Outreach on Stormwater Impacts
3. Illicit Discharge Detection and Elimination
4. Construction Site Stormwater Runoff Control
5. Post-Construction Stormwater Management for New Development and Redevelopment
6. Pollution Prevention and Good Housekeeping for Municipal-Type Federal Operations
7. Public Participation/Involvement
8. Storm Sewer and Outfall Monitoring

1. GENERAL REQUIREMENTS

2.1.3 The Permittee must fully implement the SWMP; including meeting its measurable goals. Progress must be tracked in the annual report (see Part 4.2).

The SWMP was updated to reflect new MS4 permit requirements as of January 1, 2025. This plan is located on eDASH (Air Force Environmental records database). The SWMP was approved by the Environmental Management System (EMS) Cross Functional Team (CFT) in December of 2025 and will be going up for formal Air Force approval during the next Environment, Safety, And Occupational Health Council (ESOHC) meeting. The ESOHC meeting was delayed from 2025 and is expected to occur in April 2026. See Attachment A for the Air Force Academy SWMP measurable goal completion dates.

2. PUBLIC EDUCATION AND OUTREACH ON STORMWATER IMPACTS

Permit Section 2.2.6 The annual report and SWMP (See Part 4.2) must document the following information related to public education and outreach:

2.2.6.1 A schedule for meeting the requirements in Parts 2.2.1.-2.2.5;

See Attachment B for a table outlining training sessions provided. This table includes target audiences, type of training, frequency of training and date completed. Most trainings are conducted annually.

2.2.6.2 A description of the target audiences from Part 2.2.1;

Target audiences included new government personnel, grounds maintenance personnel, facility managers (FMs), housing personnel, contract managers, construction inspectors and food service personnel (Primary: Mitchell Hall and High County Inn. Secondary: Falcon Club, Pho Wok, Arnold Hall, Jacks Valley and AAFES). Stormwater training was also conducted for EMS CFT members, project managers, fleet maintenance, contracting officers, engineering and personnel that are required to comply with the Spill Prevention, Control, and Countermeasure (SPCC) plan. Apart from the one-time training for new government personnel, stormwater training for target audiences is provided annually. Documentation of training and attendance is in eDASH. Training was completed in 2025 as required.

2.2.6.3 A copy or representation of public outreach materials provided to the target audience(s);

The Air Force Academy maintains a website with additional details on environmental programs and provides contact information for key environmental program managers and for the public to obtain additional information. This website is updated throughout the year. Public outreach material including the annual report, stormwater training slides (also provided in Attachment C),

environmental standards and stormwater awareness brochures are accessible at the Air Force Academy Environmental Management Website: <https://www.usafa.af.mil/About-Us/Environmental-Management/>

Physical copies of stormwater brochures were also distributed to the Community Center, Mitchel Hall, Arnold Hall, High Country Inn, Falcon Club, Pho Wok, housing and the government contracting operations representatives.

Additionally, the United States Air Force Academy Revegetation and Erosion Control Standards are available on the Air Force Academy Natural Resource Management website: <https://usafa.isportsman.net/Watershed.aspx>

2.2.6.4 The name or title of the person(s) responsible for coordination and implementation of the stormwater public education and outreach program.

The Stormwater Environmental Program Manager is responsible for the stormwater public education and outreach program. The DAF GS-12 Water Program Manager provides governmental oversight to ensure compliance.

3. ILLICIT DISCHARGE DETECTION AND ELIMINATION

Permit Section 2.3.9 The annual report and SWMP (See Part 4.2) must document the following information related to illicit discharge detection and elimination:

2.3.9.1 A description of the program used to detect and eliminate illicit discharges into the MS4 system including procedures for detection, tracing and identification of sources, and removal of non-stormwater discharges from the storm sewer system.

Dry weather screening was conducted in 2025 to monitor for illicit discharges. Public education and training were also provided to ensure the base personnel and public are aware of the procedure for reporting illicit discharges. The Air Force Academy continues to provide an environmental action line that the base personnel and public can call to report environmental issues, including illicit discharges and spills. This number connects callers to production control who has the phone number of the on-call member of the environmental team. The Environmental team is responsible for investigating, reporting and clean-up of illicit discharges and spills. The on-call person rotates weekly. This phone number is publicized on the stormwater posters and spill response posters that are handed out onsite. The action line phone number is (719) 333-2790.

Spill kits are located throughout the base and provide tools for basic cleanup and containment of small spills. Additionally, absorbent pads and other clean-up materials are available in the hazardous waste shop. These materials are accessible by all individuals on the spill response

team. Drums 55 gallons and greater are stored on secondary containment to prevent spills and leaks. The fire department also responds to active leaks and spills greater than 5 gallons.

If required, the plumbing shop at the Academy has tracer dye available to determine the source of an illicit discharge. All spills and illicit discharges are recorded in the EASIER database.

2.3.9.2 A description of the location(s) and method(s) of dry weather screening performed;

Dry weather screening was conducted in December of 2025. Qualitative inspections were performed at outfalls. The inspection form used describes the date, time, location, most recent rain event, outfall type, flow level, damage, erosion, deposits, stains, odors, color, turbidity and presence of floatables. Outfalls inspected included Black Forest Creek, Deadmans Creek, Kettle Creek, Monument Creek, Non-potable Reservoir 1 spillway, Parade Loop Culvert, and West Monument Creek. See Attachment D for a summary of dry weather screening results.

2.3.9.3 A description of illicit discharges detected and all actions taken to eliminate sources of illicit discharges;

No illicit discharges were detected through the dry weather screening process. One illicit discharge was recorded in EASIER in November of 2025. As recorded in the EASIER database: “Trash compacter was overfilled causing a spill of ~3 gallons of hydraulic fluid. Less than 1 gallon entered the storm drain. Storm drain is over 2 miles from Monument Creek. The hydraulic fluid is biodegradable. Spill was cleaned to the extent possible within 12hr but some fluid was still present in the drain. The drain was cleaned on 13 November.” See Attachment E for more information about this incident.

2.3.9.4 A description or citation of the established ordinance or other regulatory mechanisms used to prohibit illicit discharges into the MS4;

The Air Force Academy maintains illegal dumping and non-compliance enforcement procedures. As a military installation, all personnel working, visiting, or otherwise having access to the installation are subject to specific laws, regulations, and policies while on the Air Force Academy. Enforcement procedures for non-compliance with laws, regulations, and policies are included in the Uniform Code of Military Justice. Contracts are subject to Federal Acquisition Regulations, Department of Air Force Instruction (DAFI) 51-202 Non-Judicial Punishment and, DAFI 36-2907 Adverse Administrative Action among others. Enforcement procedures vary based on specific situations. Enforcement procedures at the Air Force Academy are administered by the USAFA Judge Advocate Office, individual supervisors, commanders, Security Forces Squadron, and potentially off-installation law enforcement officers.

2.3.9.5 A copy or excerpt from the information management system used to track illicit discharges showing all information required by Part 2.3.6 for the year;

Dry weather screening efforts were tracked on an individual excel spreadsheet and are included in Attachment D. Illicit discharges, enforcement actions and remediation efforts are tracked in

the Air Force database EASIER. See Attachment E for information from EASIER about the illicit discharge from November 2025.

2.3.9.6 A description of the categories of non-stormwater discharges evaluated as potentially being significant contributors of pollutants to the MS4 and any local controls placed on these discharges;

The only illicit discharge that occurred in 2025 was not identified to be a significant contributor of pollutants.

2.3.9.7 A description of the schedule and/or progress in creating a complete storm sewer map.

An updated storm sewer map was developed during engineering inspections in October 2025. The stormwater sewer map is maintained in the Air Force GIS system and updated upon completion of any project that modifies the stormwater system.

4. CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Permit Section 2.4.8 The annual report and SWMP (See Part 4.2) must document the following information related to construction site stormwater runoff control:

2.4.8.1 A description of construction activities which disturbed greater than or equal to one acre of land or were part of a larger common plan of development or sale that would disturb one acre or more;

Stormwater Pollution Prevention Plans (SWPPPs) Approved in 2025

- North Gate-Struthers Drainage Pond Project
- Deans House Demolition
- North Monument Creek Interceptor – Sewer Line

Active sites with a Notice of Intent (NOI) at the end of 2025:

- Black Squirrel Creek Restoration- COR10F095
- Bullseye Repair Culverts – COR10F0BL
- Cadet Chapel Renovation – COR10F05E
- Cemetery Expansion – COR10F0BE
- Cyberworx – COR10F060
- TrueNorth Commons – COR10F05I
- Hotel – COR10F083
- Middle Tributary Channel Restoration – COR10F0AL
- North Gate-Struthers Drainage Pond Project – COR10F0CW

- Prep School New Dorm – COR10F0C9
- Stadium Blvd Storm Drainage Repair – COR10F09D
- Wecker Hall – COR10F0AP

Sites that received a Notice of Termination (NOT) in 2025:

- Combat Arms Training and Maintenance Drainage – COR10F095
- CSU Middle Tributary Force Main Wastewater Replacement – COR10F09M
- Maintain Clear Zone Runway 16C34C – COR10F0BW
- Northgate Bridge Erosion Repair – COR10F07E
- Pine Drive and Community Center Paving – COR10F0AW
- Visitor Center – COR10F091

2.4.8.2 A description or citation of the established ordinance or other regulatory mechanisms used to require erosion and sediment controls;

Erosion and sediment controls are required by the Air Force Academy’s Environmental Standards and the Revegetation and Erosion Control Standards. Both standards are publicly available on the websites listed in section 2.2.6.3 of this report. Requirements for erosion and sediment controls are also outlined in the Department of the Air Force Manual (DAFMAN) 32-1067 Water and Fuel Systems.

2.4.8.3 A description of the compliance and enforcement mechanisms the Permittee used to ensure that construction activities disturbing equal to or greater than one acre of land were in compliance with the terms of the EPA General Permit for Discharges from Construction Activities.

The Stormwater Program Manager conducted CGP stormwater inspections at each site equal to or greater than one acre. Sites were inspected in accordance with the EPA CGP training. Non-compliance with the CGP was documented in inspection reports which were distributed to the contractor’s SWPPP managers and other responsible parties. Non-compliance issues were addressed in a timely manner during the 45-day inspections. If they were not addressed, they were reported to the contracting officer who has the ultimate authority over the project.

2.4.8.4 A description of the procedures for site plan review, including the review of pre-construction site plans;

The Environmental Stormwater Program Manager and DAF GS-12 Water Program Manager review and approve a SWPPP for each site using the SWPPP checklist. SWPPP's must include a spill plan before they are approved. See Attachment F for the SWPPP checklist. Three SWPPP plans were reviewed in 2025 by the Stormwater Program Manager. They are saved in eDASH.

2.4.8.5 A description of the procedures for site inspection;

All sites covered under the EPA CGP are inspected every 45-days. The entire site is walked and the SWPPP is reviewed during the inspections. In accordance with the CGP, permittees are advised when stabilization requirements are needed or repairs/maintenance are needed. In addition to CGP requirements, all permittees are instructed to follow USAFA's Revegetation and Erosion Control Standards which provides guidance on seed mix, proper preparation, and irrigation.

2.4.8.6 Documentation of training provided to contracting office representatives regarding the maintenance and installation of BMPs for construction stormwater control and the terms of the EPA General Permit for Discharges from Construction Activities;

BMPs are maintained by the Air Force Academy's Paving and Equipment group. Contracting office representatives and the Paving and Equipment group were trained on stormwater in December 2025. See Attachment G for the training rosters.

2.4.8.7 The name or title of the person(s) responsible for coordination and implementation of the construction site runoff control program.

The Stormwater Environmental Program Manager is responsible for the construction site runoff control program. The DAF GS-12 Water Program Manager provides governmental oversight to ensure compliance.

5. POST-CONSTRUCTION STORMWATER MANAGEMENT FOR NEW DEVELOPMENT AND REDEVELOPMENT

Permit Section 2.5.11 The annual report and SWMP (See Part 4.2) must document the following information related to post- construction site stormwater runoff control:

2.5.11.1 A description of the process used to ensure that all the Permittee contracts initiated after the effective date of this Permit contain language which requires the installation of permanent stormwater control measures and an excerpt of applicable contract language;

The Control Measure Standards in MS4 Permit section 2.5.9 will be added to the USAFA Environmental Standards in 2026 and will meet the required implementation date specified in section 2.5.9.3. USAFAs Environmental standards are incorporated in all construction contracts issued by USAFA. Projects will be held to new control measure standards by January 1, 2027.

2.5.11.2 A description of the inspection and recordkeeping procedures and the assumptions provided to ensure the long-term operation and maintenance of permanent stormwater control measures;

Post-construction stormwater controls for existing structures were inspected in 2025. Erosion, overgrowth of vegetation, concrete deterioration, sediment build up, and other observed deficiencies were documented as needed. Records of inspections are maintained in the

Permanent BMP Structures Tracker spreadsheet. The list of maintenance items is being refined and will be sent to Production Control who will prepare a schedule for repair/remediation.

2.5.11.3 A description of training provided to contracting officers regarding low impact development and green infrastructure;

Training will be provided in 2026 on Water Quality Capture Volume Standards, low impact development and green infrastructure.

2.5.11.4 The name or title of the person(s) responsible for coordination and implementation of the post-construction stormwater management program.

The Stormwater Environmental Program Manager is responsible for the construction post-construction stormwater management program. The DAF GS-12 Water Program Manager provides governmental oversight to ensure compliance.

6. POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL-TYPE FEDERAL OPERATIONS

Permit Section 2.6.13 The annual report and SWMP (See Part 4.2) must document the following information related to pollution prevention and good housekeeping for municipal-type federal facility operations:

2.6.13.1 A description of the contents and frequency of the training program for municipal personnel and a list of the personnel or positions trained during the term of the Permit;

Training is provided annually for landscapers and other staff working in the cemetery and golf course maintenance areas. This training covered general stormwater compliance with an emphasis on nutrient source reduction. Topics of this training included herbicides, pesticides, proper fertilizer application, proper hazardous waste disposal and management of illicit discharges. Due to the different needs at these locations, each site has their own procedures that they follow to reduce use of excess chemicals.

The Pavement and Equipment Manager provides a “Snow School” annually which educates all personnel involved in snow removal and deicing operations. Additionally, snow removal, paving and equipment personnel were trained to avoid damaging stormwater structures in their daily operations. This training occurred September 22-26, 2025, and educated personnel about the impacts of deicing chemicals on stormwater.

See Attachment B for more information about training provided to municipal personnel in 2025.

2.6.13.2 A description of storm sewer inlet cleanout procedures and schedules, catch basin cleaning operations, and street sanding/salt practices, and any measures taken as a result of the evaluation to minimize negative impacts to water quality;

Inlets and culverts were inspected to identify cleaning and repair needs. Each month has a list of structures that require inspection so that the entire system is inspected by the end of each year. Work orders were created for storm sewers that required cleaning or repairs. Yearly storm sewer inspections are handled by the Paving and Equipment team.

Street de-icing occurred during significant snow/ice events. Streets were cleaned after snow events to remove excess deicing sand.

2.6.13.3 A description of any changes to control measures installed to prevent the discharge of pollutants from areas described in Part 2.6.1;

No major changes occurred in 2025.

2.6.13.4 A description of how maintenance activities are tracked for permanent stormwater control measures.

Work orders for permanent stormwater control measures are maintained in the Air Force asset management and maintenance database (MAXIMO). The Pavement and Equipment office maintains written records of inspections and maintenance for stormwater inlets and catch basins.

8. STORM SEWER AND OUTFALL MONITORING

Permit Section 3b Permittee must monitor PFAS quarterly using Method 1633, and must report a PFAS monitoring result with its Annual Report for each year of permit coverage. Sampling will be required to begin one year after the effective date of this permit.

The Air Force Academy's MS4 permit was effective January 1, 2025. Therefore, PFAS quarterly monitoring was not required for 2025. PFAS monitoring will be conducted quarterly in 2026 using autosamplers. Autosamplers were installed early 2026.

Attachment A
SWMP Measurable Goal Progress

USAFA Stormwater Management Plan Measurable Goal Progress

Permit Section	Activity/Measurable Goals	Date Completed
2.2	Public Education Trainings Completed	12/21/2025
2.2	Stormwater brochures annually distributed to the Community Center, Arnold Hall, the prep school dining hall, and dormitories.	12/19/2025
2.2	USAFA website updated with current stormwater training/contact info	12/1/2025
2.7	Review of the SWMP will be completed annually and presented to EMS CFT.	12/18/2025
2.7	USAFA website updated annually with the current annual report and SWMP.	12/1/2025
2.3	Stormwater sewer map reviewed and updated if needed	10/23/2025
2.3	Dry weather screenings completed	12/17/2025
2.3	Confirmed printed copy of EPA's Illicit Discharge Detection and Elimination: A Guidance Manual for Program Development and Technical Assessments located in Barry's office	11/16/2025
2.3	All illicit discharges corrected within 45 business days of discovery	Yes - only one illicit discharge occurred on 11/10/2025 and was cleaned up by 11/17/2025. See EASIER report for details.
2.4	Each permitted construction site is inspected every 45 days.	12/31/2025
2.4	Construction site inspector has been trained on BMPs during the permit term.	5/29/2025
2.4	All SWPPP reviews are documented along with comments provided to the construction contractor	10/27/2025
2.5	Control Measure Standards in section 2.5.9 added to USAFA Environmental Standards in 2026.	N/A for 2025
2.5	Training on new Control Measure Standards provided to Engineering, Contracting Officers, and Construction Inspectors in 2026.	N/A for 2025
2.5	All post-construction control measures inspected annually.	12/23/2025
2.5	Projects are held to new control measure standards by January 1, 2027.	N/A for 2025
2.6	Conduct an annual snow meeting each fall to discuss application of chemical deicers	10/2025
2.6	Create a list of electronic component recycling areas, herbicide and pesticide application areas, turf management areas, recycling/material storage areas, fuel storage and transfer areas, deicer storage, lavatory waste transfer/disposal areas, industrial activities (e.g., welding), food service areas, and loading/unloading areas and their controls for 2025. The list will include how the controls are maintained.	1/5/2026
2.6	Create list of all municipal type federal facilities and their controls/procedures. To be completed 2025.	12/19/2025
2.6	Annual inspection completed for each municipal type facility	12/19/2025
2.6	Control measures at municipal type facilities corrected within 6 months if necessary	N/A
2.6	Fleet maintenance training conducted	12/15/2025
2.6	Street sweeping and stormwater system cleaning conducted for the year match current procedures.	11/19/2025

Attachment B
Stormwater Training Schedule

Stormwater Training Schedule

Section	Target Audience	Type of Training	Trainer	Frequency	2025 Status
2.2	Government Personnel	Newcomer's training is provided monthly for all new government personnel. This training covers general stormwater awareness, illicit discharges, and proper waste disposal. General Stormwater Training	10 CES/CEIEC	One time	Completed in December
2.2.1.	Grounds Maintenance - Golf course, General grounds contractor	Herbicides/pesticides and proper fertilizer application emphasis (nitrogen phosphorus). Proper disposal of unused chemicals. Includes illicit discharge education and proper hazardous waste disposal. General Stormwater Training	10 CES/CEIEC	Annually	Completed. Dawson 12/2/25. Golf Course 12/8/25.
2.2.1.	Facility Managers (FMs)	Training is integrated into monthly FM Training slides. Herbicide/pesticide application and disposal of unused chemicals emphasis. Monthly for new managers and once a year as renewal. General Stormwater Training	FM trainer, 10 CES/CEOER	Monthly for new managers, Annual refresher	Completed by FM trainer. Slides for monthly FM training updated in 2025 and provided to FM trainers.
2.2.1.	Housing Personnel (10 CES/CEIH) /Residents	Housing personnel are trained and pass information on to their residents via posters and newsletters. Pet waste (nitrogen phosphorus), herbicide/pesticide application, and disposal of unused chemicals emphasis. General Stormwater Training	10 CES/CEIEC	Annually	Completed 11/14/25
2.2.1.	Contract Managers (10 CES/CEOE)	Contract Managers are provided with a general overview of stormwater concerns to be aware of.	10 CES/CEIEC	Annually	Completed 12/10/2025
2.2	Construction Inspectors (10 CES/CENMP)	CGP awareness, illicit discharges, hazardous waste disposal.	10 CES/CEIEC	Annually	Completed 11/21/2025
2.2.1.	Food Service Personnel (Primary: Mitchell Hall and High County Inn. Secondary: Falcon Club, Pho Wok, Arnold Hall, Jacks Valley, AAFES)	Illicit discharges and general stormwater awareness. Hazardous waste as well as proper oil and grease disposal. General Stormwater Training	10 CES/CEIEC	Annually	Completed. Mitchell Hall 9/26/25 and High County Inn 11/5/25. Rosters in eDASH. Posters dropped off at Pho Wok, Falcon Club, Arnold Hall, Jacks Valley, and AAFES on 12/18/25.

2.3.4	EMS CFT members including Tenants	Emergency spill contact information to members of the EMS CFT which includes tenants and representatives from their squadron.	10 CES/CEIEC	Annually	Completed 12/18/2025
2.3.4	Project Managers	Emergency spill response posters are emailed to project managers to ensure awareness. General Stormwater training	10 CES/CEIEC	Annually	Completed 12/24/2025
2.4.2	Stormwater Construction Site Inspector (10 CES/CEIEC)	Maintenance and installation of BMPs for construction stormwater control and the terms of the EPA General Permit for Discharges from Construction Activities.	10 CES/CEIEC	Once per permit term	CGP training completed for Bryan Kurth on 5/29/25
2.6.9.	Fleet maintenance (10 CES/CEOHP)	General Stormwater Training	10 CES/CEIEC	Annually	Completed 12/15/2025
2.5.4.	Engineering, Contracting Officers, and Construction Inspectors	New Control Measure Standards. General Stormwater Training	10 CES/CEIEC	Once - 2026	N/A for 2025

Attachment C
Stormwater Training Slides

Environmental Briefing

10 CES/CEIE



UNITED STATES
AIR FORCE
ACADEMY



- Fats, Oils, and Grease Disposal
- Stormwater Overview

What's the problem?

Fats, oils, and grease can cause:

- Sewer system blockages
- Damage to equipment
- Disruption of biological treatment at WWTP
- Permit compliance issues



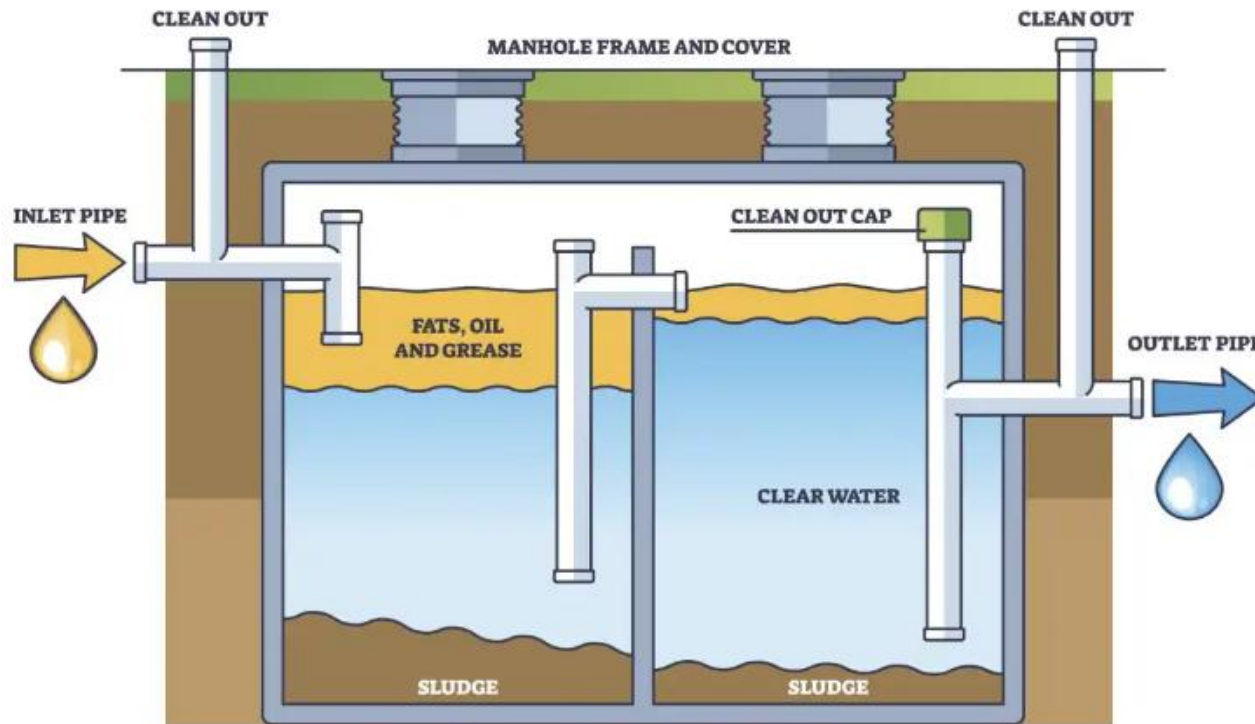
Grease flowing into the wastewater treatment plant on Oct 23, 2025.

Grease Appearance

- Sample of USAFA wastewater treatment plant inflow with restaurant grease in it.



Food Service Grease Traps



22 October 2024

A **grease trap or grease interceptor** is a specialised receptacle designed to intercept wastewater containing oil, grease, or fat before it enters the sewer system. The primary purpose of a grease trap is to prevent these substances from causing blockages in sewers, which can lead to fatbergs. Grease traps or interceptors are particularly essential in commercial kitchens where the use of cooking oils is widespread.

- 5218 grease trap is pumped out quarterly.
- For incidental fats, oils, and greases.
- Grease can bypass full or overwhelmed grease traps.

- Grease seen in wastewater flow downstream of Mitchell Hall grease trap on September 10, 2025.

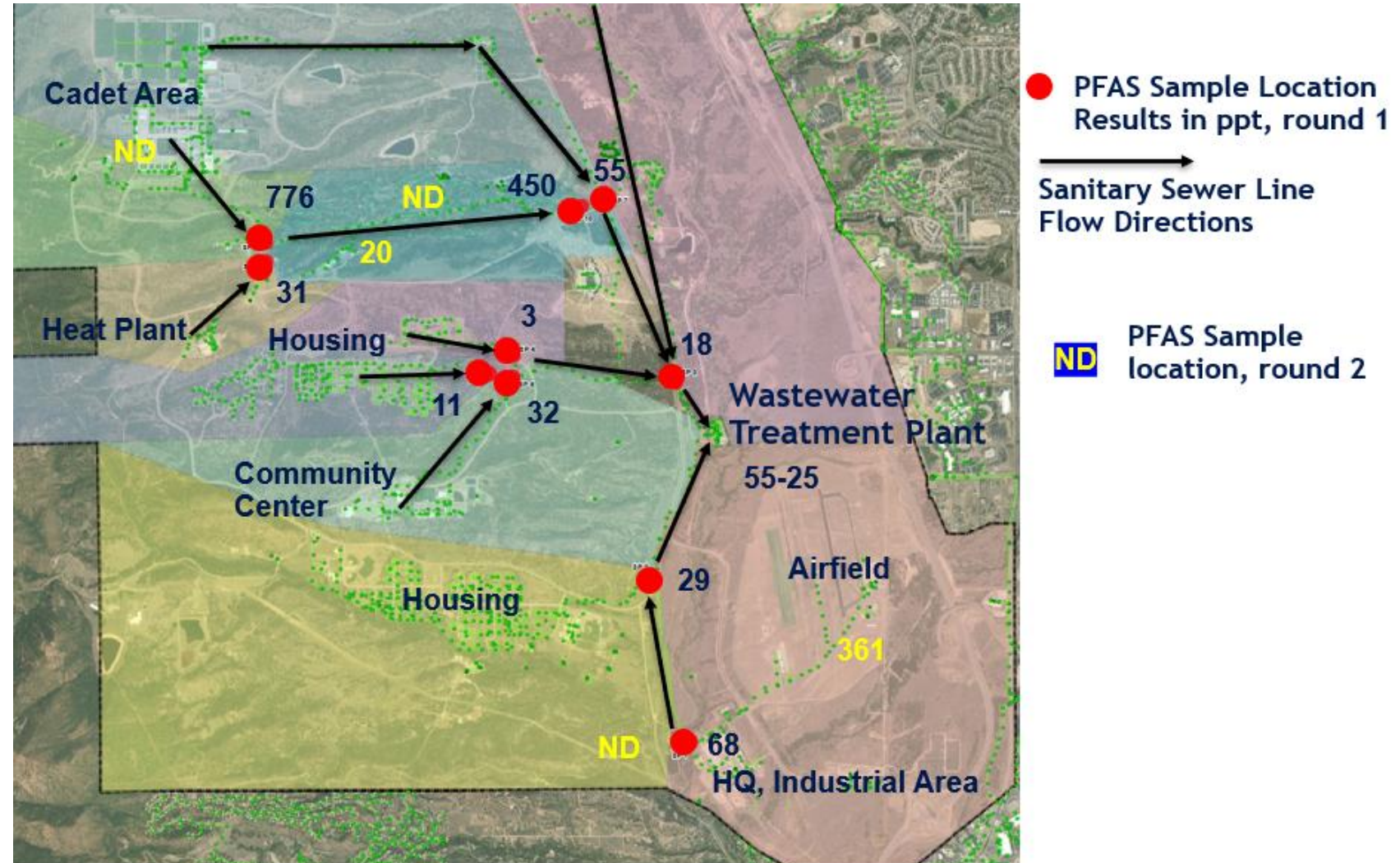


How you can help

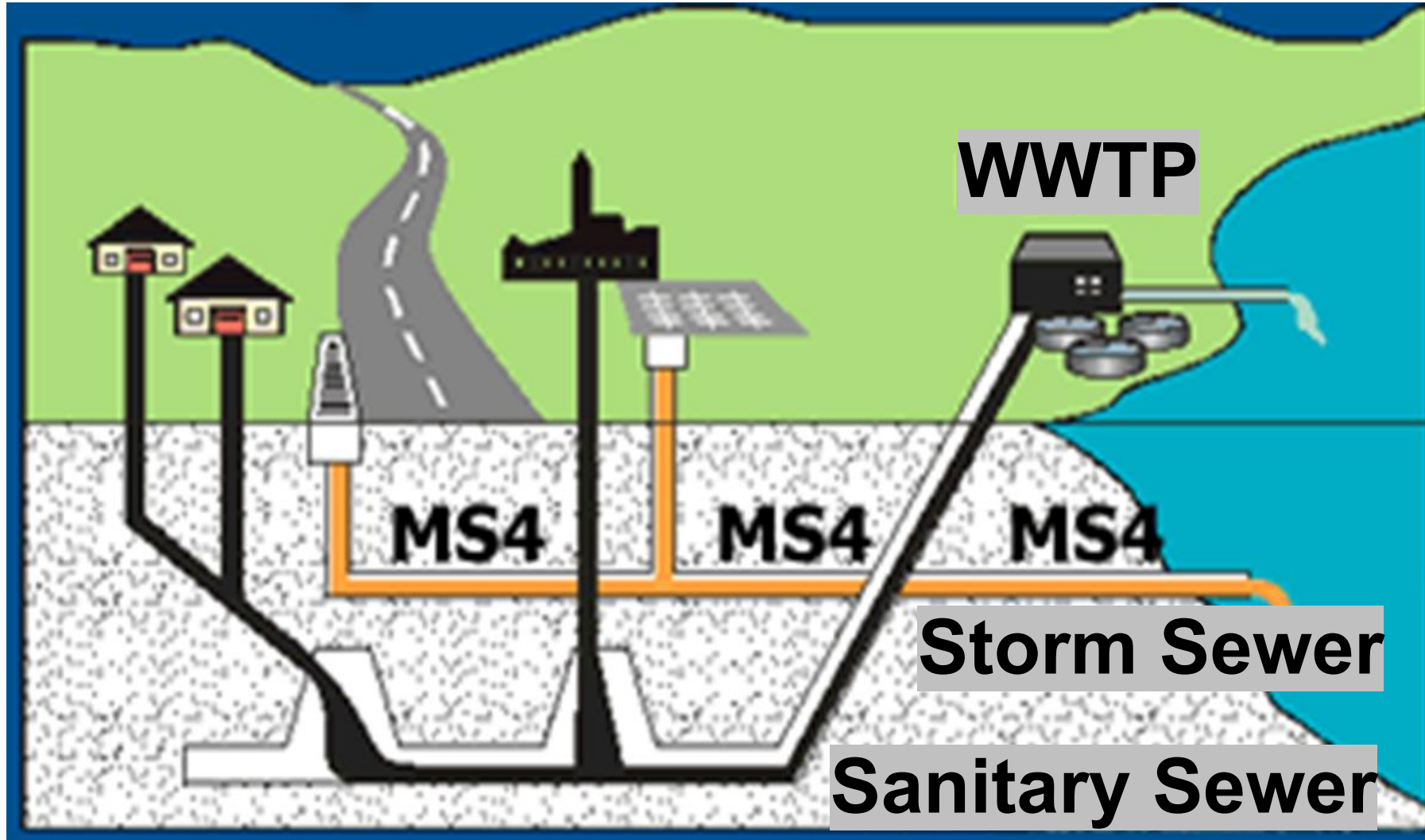
1. Scrape food scraps in the trash to reduce solids entering the grease trap and sanitary sewer system.
2. Collect liquid grease and oil in secure containers to be properly disposed of by your waste hauler. **Never pour it down the drain.**
3. Use sink strainers or pre-filters to prevent food particles and grease from going down the drain.

PFAS in Wastewater

- PFAS are synthetic chemicals that are persistent in the environment and can cause health effects.
- Found in non-stick cookware, food packaging, and cleaning products.
- Minimize use of PFAS products where possible.

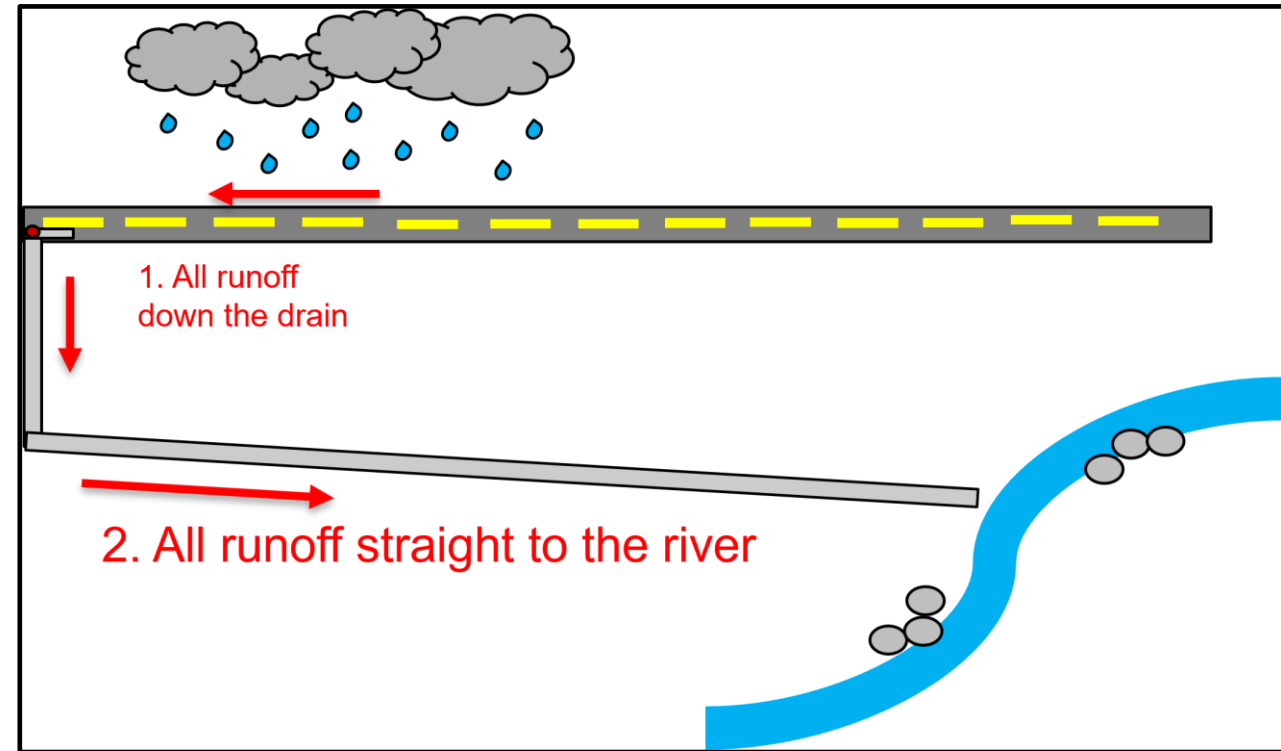


Stormwater Management MS4 Permit Municipal Separate Storm Sewer System



Allowable Non-Stormwater Discharges

- Stormwater drains are designed for rain and snow melt
- Lawn watering
- Flows from wetlands
- Swimming pool discharges
- Street wash water
- Power washing where no chemicals are used
- Roof drains
- Water line flushing
- Discharges or flows from emergency firefighting activities



Storm Drain Pollutants

- Disposing of these materials down storm drains lead to pollution
 - trash
 - pet-waste
 - over applying lawn-chemicals
 - motor-oil
 - leftover paint
 - household chemicals
 - car washing



Illicit Discharges

- An illicit discharge is any discharge to a lake, stream, or storm sewer that is not composed entirely of stormwater.
- Report Illicit discharges to (719)-333-2790
 - Petroleum products- gas, diesel, oil, transmission fluid
 - Paint
 - Solvents, degreasers
 - Soap and bleach
 - Concrete waste



4. Ready for disposal



1. Diesel & transmission fluid into storm drain



2. Followed MS4 to outfall



3. Cleanup in progress

Public Outreach- Stormwater Brochure

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 and 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 USAFA property)**



1

**Keep
OUR
Streams
Clean!**



**USAFA Stormwater
Program 719-333-2790**

At USAFA, 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 Monument Creek, on the east of side of USAFA.



To report the release of ANY contaminant into the environment, call, 719-333-2790

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.



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!

HOW YOU CAN HELP



- ✓ Wash your car at the car wash (the water is usually recycled). If you do wash the car at home, chose 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 520-7879



Environmental Commitment Statement

Environmental Commitment Statement

The United States Air Force Academy (USAFA) is dedicated to protecting the environment while fulfilling its mission “to forge leaders of character, motivated to a lifetime of service, and developed to lead our Air Force and Space Force as we fight and win our Nation’s wars.”

USAFA strives to:

- **Understand** that all installation personnel are responsible for environmental protection and conservation.
- **Set** attainable goals to promote conservation of natural and man-made resources.
- **Adapt** to changing environmental regulations while maintaining compliance with all air, water, waste, cultural, and natural resource requirements.
- **Focus** on restoring Monument Creek and its tributaries to correct damage caused by increased stormwater flows from off base development. This ensures stream erosion will not affect airfield operations and warfighter readiness training, as well as returning wetlands to healthy conditions, and protecting threatened and endangered species’ habitats.
- **Aim** to continually improve pollution prevention, environmental conservation, awareness, and competency at all organizational levels by making sound environmental decisions in day-to-day operations while maintaining mission readiness.

All personnel assigned to USAFA shall comply with this policy, relevant federal, state, and local environmental regulations, Executive Orders, Department of Defense, and Department of the Air Force Policies. This is in accordance with Air Force Policy Directive (AFPD) 90-8 Environment, Safety, and Occupational Health Management and Risk Management, and Department of the Air Force Instruction (AFI) 32-7001 Environmental Management.

This commitment statement was approved by AHAVE E. BROWN JR, Colonel USAF, Commander, 10 ABW, 22 July 25.

Please contact us with any questions. We also assist with:

- Hazardous/universal waste disposal
- Proper storage of hazardous materials
- Spill response under 5 gallons. Anything over 5 gallons call 911.

Lisa Stevens - Water Quality: 719-333-9060, lisa.stevens.8.ctr@us.af.mil

Bryan Kurth - Stormwater: 719-217-6054, bryan.kurth.2.ctr@us.af.mil

Environmental Organization Email - 10ces.ceiec.environmental@us.af.mil



Attachment D
Dry Weather Screening Results

2025 USAFA Dry Season Sampling

Outfall Location	Outfall Coordinates	Type of Outfall (pipe/downstream or upstream of creek/open ditch)	Date/Time	Last Rain Event	Level of Flow (Heavy, Moderate, Trickle, Dry)	Outfall damage/erosion?	Deposits or stains?	Odors?	Color?	Turbidity?	Floatables? (sheen/bubbles/trash)	Additional concerns
Kettle Creek 1	38.951989, -104.825513	Downstream end of creek	11/18/2025 11:45	>72hr ago	Moderate-trickle (slow active flow)	Some erosion around the banks of the waterway	N/A - some graffiti present	N/A	Light brown-green	mild-moderate	Debris and some trash present. Light sheen was present - sheen was determined to be naturally caused	Presence of beaver activity
Kettle Creek 2	38.976016, -104.798830	Upstream end of creek	11/18/2025 12:20	>72hr ago	Moderate	Some erosion around the banks of the waterway	N/A	N/A	Clear	N/A	No sheen observed, some trash around banks	Homeless present, white substance on the concrete under the underpass
Black Forest Creek	39.0396436, -104.8436404	Upstream of confluence to Monument Creek	12/10/2025 15:17	~4 days ago	Trickle (small creek)	N/A	N/A	N/A	Clear	N/A	N/A	Flows through the road near Ardvark Airfield
Deadmans Creek	39.016375, -104.841132	Downstream	12/10/2025 14:15	~4 days ago	Trickle-Dry (dry in spots. no flow into Monument Creek at time of inspection)	Broken slabs of concrete present	Silt deposit present at confluence	N/A	Minor amount of brown silt at confluence	N/A	Minor amount of trash present	Right next to the railroad. Minor sedimentation at the confluence with no discharge of silt to Monument Creek
Monument Creek	38.954112, -104.833885	Downstream	12/10/2025 13:20	~4 days ago	Moderate	N/A	N/A	N/A	Clear	N/A	Bubbles present around small eddy - no major concerns	Minor Beaver Activity. Use caution due to rebar sticking out of the ground
Lehman Run (Non-potable Reservoir 1)		Spillway	12/17/2025 09:30	>72hr ago	Dry	Minor sedimentation	N/A	N/A	N/A	N/A	N/A	Lehman Run does not intersect with Monument Creek. Lehman Run enters Non-Pot 1 on the west side of the reservoir
Parade Loop Culvert	39.0066706, -104.8347690	Downstream drainage culvert	12/10/2025 14:38	~4 days ago	Dry	N/A	Some sand at bottom of culvert	N/A	N/A	N/A	N/A	Sedimentation in the culvert with some vegetation growth
West Monument Creek	38.958099, -104.835216	Downstream and goes through a culvert	12/10/2025 13:44	~4 days ago	Moderate	Woody debris in the creek and culvert	Rust in culvert	N/A	Clear	N/A	Bubbles present due to flow - no sheen	Several beaver dams slowing flow in the Western area

Attachment E
EASIER Illicit Discharge Report

Installation Details

Installation: USAF Academy **Service/Command:** USAFA **State:** CO
Sub Location: **Branch:** Midwest Branch **EPA Region:** 8
ISS: Peterson

Spill Details

Fiscal Year: 2026
Classification: Reviewable
Closed Date: 11/17/2025 11:10:35
Reported to HAF?: No
Report to HAF Determination Date: 11/17/2025
Read/Received Date: 11/17/2025
Estimated Clean-up Date: 11/10/2025
Updated in EASIER: 11/17/2025
Entered in EASIER: 11/10/2025
Spill/Release Date: 11/10/2025, 09:00
Was the release cleaned up within 24 hours?: No
Did process owner have sufficient clean-up capabilities?: Yes
Class: CLASS I: Area < 2 lineal ft in any plane dimension.
Overall Root Cause: (O) Management Oversight
Specific Root Cause: (O2) Defective or inadequate procedure
Equipment/Facility Involved: Trash compacter
Equipment Type: Other (Add Description Below)
STAR Tank ID:
Aircraft Type: N/A
FES Incident Number: N/A
Cause of Release: Accidental Discharge due to Faulty Procedure

Description:
 Trash compacter was overfilled causing a spill of ~3 gallons of hydraulic fluid. Less than 1 gallon entered the storm drain. Storm drain is over 2 miles from Monument Creek. The hydraulic fluid is biodegradable. Spill was cleaned to the extent possible within 12hr but some fluid was still present in the drain. The drain was cleaned on 13 November.

Points of Contact

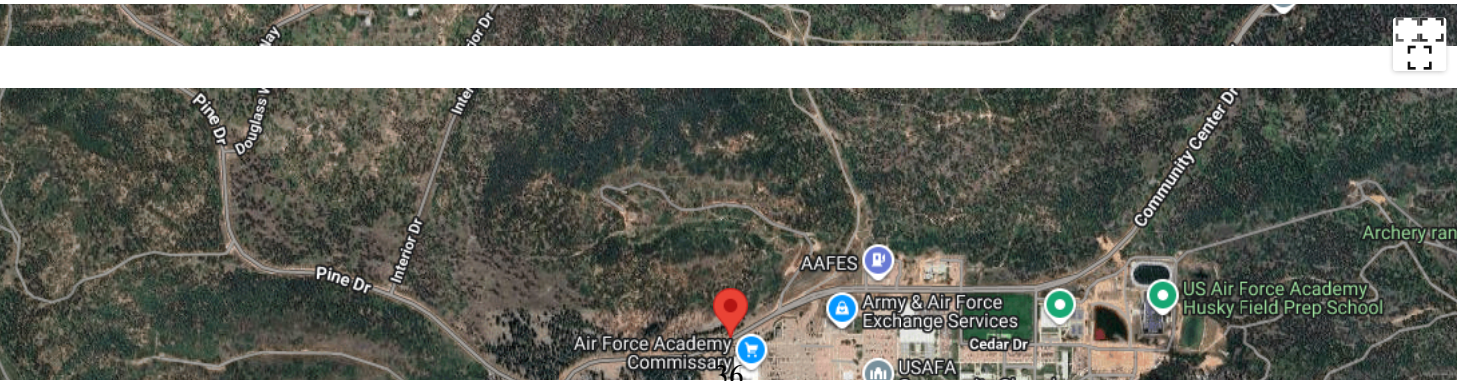
Type	Name	Email	Phone
Author	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC	jennifer.raskin.ctr@us.af.mil	
Primary	STEVENS, LISA CTR USAF USAFA 10 CES/CEIEC		
Additional	SCHATZ, BARRY A CIV USAF USAFA 10 CES/CEIE		
Additional	BALEK, AMY C CIV USAF USAFA 10 CES/CEIE		
Additional	DEBOER, KATHRYN E CTR USAF USAFA 10 CES/CEIEC		
Additional	SCHNEIDER, SCOTT R CTR USAF USAFA 10 CES/CEIEC		

Recommended AFCEC POCs

CASE, JARROD D CIV USAF AFMC AFCEC/CZOM
 SHERMAN, LYNN R CIV USAF AFMC AFCEC/CZOE
 ZOTT, JAMES CIV USAF AFMC AFCEC/CZOM
 DELL, RONALD G CIV USAF AFMC AFCEC/CZOM

Location Map

Latitude: 38.9777117006696 **Longitude:** -104.869985420474





Materials

Material Released	Qty Released	Qty Recovered	Reportable Quantity
Hydraulic Fluid	3 Gallon(s)	2 Gallon(s)	N/A

Release Details

Question	Answer	Details
Did the release result in injury or loss of life?	No	
Did the release cause the loss of aircraft, spacecraft, or facility, or was the release caused by the loss of aircraft, spacecraft, or facility?	No	
Did the release interrupt installation mission operations?	No	
Did the release extend beyond installation boundaries at concentrations detectable visually, by odor, or in amounts expected to exceed state, federal or overseas FGS/OEBGD threshold concentrations based on environmental professional judgement?	No	
Did the release cause an estimated financial impact exceeding \$50,000?	No	
Did the release result in or is expected to result in litigation, negative publicity, or coverage by a major media outlet?	No	
Did the release reach waters of the US (or host nation) or a storm drain connected to such?	Yes	1 gallon
Did this spill occur on a vessel?	No	
Did the release involve 110 gallons or more of petroleum, oils, or lubricants (POL) on soil?	No	
Did the release involve petroleum, oils, or lubricants (POL) AND cause a film or sheen on nearby surface water?	No	
Is the release estimated to be equal or greater than the Reportable Quantity (RQ) as defined in 40 CFR §355.33 (includes CERCLA Hazardous Substances in 40 CFR 302.4 and EPCRA Extremely Hazardous Substances in 40 CFR 355 Appendix A) or overseas FGS/OEBGD?	No	
Did the release involve sewage AND it caused or is expected to cause an imminent and substantial threat to public health, safety or the environment?	No	
Do you believe this release should be reported to HAF, regardless of the spill quantity?	No	
Did the release result in political/host nation involvement?	No	
Did the release involve Aqueous Film Forming Foam (AFFF)?	No	
Did the release involve certain non-regulated emerging contaminant, similar to hazardous substances, including perfluorooctane sulfonate (PFOS), perfluorooctanoic acid (PFOA), and 1,4-dioxane?	No	
Does the release present a continuing threat to the environment?	No	
Do you anticipate the release to result in an Enforcement Action?	No	
Did the release enter the sanitary sewer?	No	

External Communications

Question	Answer
Was the Fire Department notified?	No
Has the Fire Department visited the release site?	No
Was the NRC notified?	No
Has the NRC visited the release site?	No
Was an environmental regulatory agency notified?	Yes
What environmental regulatory agency was notified?	CDPHE

Question	Answer
Has an environmental regulatory agency visited the release site?	No
Description of any coordination with relevant local and State environmental protection agencies	CDPHE spill line (1-877-518-5608) was called at 14:54hr and informed of the spill. They mentioned they share spill information with the EPA. CDPHE will follow up over the next day or two if needed.
Use in Mutual Aid Response	No
Was an OPREP submitted?	No
Release Notification Made to Supported entity for off-base mutual response	N/A

Attachments

File	Document Type	Description	Sent/Received	Upload Date
20251113_104604 Post Cleanup.jpg	Photo	Basin post cleanup	11/13/2025	11/13/2025
Image 1.jpg	Photo		11/10/2025	11/10/2025
Image 10.jpeg	Photo	Liberty Disposal clean-up using NAPA Diatomaceous Earth Oil Absorb	11/10/2025	11/12/2025
Image 2.jpg	Photo		11/10/2025	11/10/2025
Image 3.jpg	Photo		11/10/2025	11/10/2025
Image 4.jpg	Photo		11/10/2025	11/10/2025
Image 5 - Stormwater Basin.jpg	Photo		11/10/2025	11/10/2025
Image 6.jpg	Photo		11/10/2025	11/10/2025
Image 7.jpg	Photo		11/10/2025	11/10/2025
Image 8.jpeg	Photo		11/10/2025	11/10/2025
Image 9.jpeg	Photo	Liberty Disposal clean-up using NAPA Diatomaceous Earth Oil Absorb	11/10/2025	11/12/2025
Schaeffer Hydro Oil-46 MSDS.pdf	Supporting Document		11/10/2025	11/12/2025

Related Events

Event ID	Event Type	Details	Classification	Installation	Sub Location	Status	Occurred	Entered	Updated
No Related Events have been added.									

Corrective Actions

Corrective Action 1

Status:	Complete
Corrective Action:	Liberty Disposal Inc. performed clean-up for the spill on 10 November. They used absorbent on paved areas around a storm inlet. The 10CES environmental spill response team disposed of materials. Access into the storm inlet was restricted because the trash compactor was located over it. 10 CES coordinated to have the trash compactor moved on 13 November so that the small quantity that made it into the stormwater inlet could be cleaned up. The sediment was removed and absorbant pads used to remove the product once access was granted. Cleanup was completed 13 November.
Notes:	
Air Force POC:	SCHNEIDER, SCOTT R CTR USAF USAFA 10 CES/CEIEC
Additional POC:	
Additional Funding Required:	
Est. or Act. Completion Date:	11/12/2025
Project/Work Order Title:	
Project/Work Order Number:	

Notifications

To	CC	Subject	Message	Sent Date
jennifer.raskin.ctr@us.af.mil; lisa.stevens.8.ctr@us.af.mil;	jarrod.case@us.af.mil; lynn.sherman@us.af.mil;	EASIER: Spill Read	A Spill has been marked as Read and Received by FELLNER, BRANDON A NH-03 USAF AFMC	11/17/2025, 11:55

To	CC	Subject	Message	Sent Date
barry.schatz.2@us.af.mil; amy.balek@us.af.mil; kathryn.deboer.ctr@us.af.mil; scott.schneider.3.ctr@us.af.mil;	james.zott.1@us.af.mil; ronald.dell@us.af.mil; elizabeth.bays.1@us.af.mil; katy.breyer@us.af.mil; monte.mcvay@us.af.mil; lana.hubbard@us.af.mil; scott.webb.5@us.af.mil; curtis.frye@us.af.mil; laura.wilson.21.ctr@us.af.mil; sean.houseworth.4@us.af.mil; breton.frazer.1@us.af.mil; brandon.fellner.3@us.af.mil; harry.eisenhauer.3@usspacecom.mil; savannah.pollard.1.ctr@us.af.mil; william.haas.10.ctr@us.af.mil; jennifer.micolichek.ctr@us.af.mil; tasha.golson@us.af.mil; brian.ward.26.ctr@us.af.mil; kari_ann.liebertz.ctr@us.af.mil; melissa.dimaya.1@us.af.mil; katherine.need.1@us.af.mil;	and Received (USAF Academy)	AFCEE/AFCEC/CZOM. Spill POCs should continue to update the Spill report until closure. Prior to closure, all corrective actions must be complete. Comments: None View Event: https://usaf.dps.mil/teams/14074/Module/SpillDetails.aspx?SID=7734	
jarrod.case@us.af.mil; lynn.sherman@us.af.mil; james.zott.1@us.af.mil; ronald.dell@us.af.mil; elizabeth.bays.1@us.af.mil; katy.breyer@us.af.mil; monte.mcvay@us.af.mil; lana.hubbard@us.af.mil; scott.webb.5@us.af.mil; curtis.frye@us.af.mil; laura.wilson.21.ctr@us.af.mil; sean.houseworth.4@us.af.mil; breton.frazer.1@us.af.mil; brandon.fellner.3@us.af.mil; harry.eisenhauer.3@usspacecom.mil; savannah.pollard.1.ctr@us.af.mil; william.haas.10.ctr@us.af.mil; jennifer.micolichek.ctr@us.af.mil; tasha.golson@us.af.mil; brian.ward.26.ctr@us.af.mil; kari_ann.liebertz.ctr@us.af.mil; melissa.dimaya.1@us.af.mil; katherine.need.1@us.af.mil;	jennifer.raskin.ctr@us.af.mil; lisa.stevens.8.ctr@us.af.mil; barry.schatz.2@us.af.mil; amy.balek@us.af.mil; kathryn.deboer.ctr@us.af.mil; scott.schneider.3.ctr@us.af.mil; kevin.leachman@us.af.mil; karla.meyer.1@us.af.mil; julia.mireles.1@us.af.mil; james.sato.ctr@us.af.mil; charlton.hedden.3@us.af.mil;	EASIER: New Spill Submitted (USAF Academy)	A new Spill has been submitted in EASIER for USAF Academy by RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC. The Spill was classified as "Reviewable" so Installation Support Section (ISS) and Regional Support Branch (RSB) personnel are required to review the Spill at the link below and either ISS or RSB can mark it as "Read and Received". Comments: None View Event: https://usaf.dps.mil/teams/14074/Module/SpillDetails.aspx?SID=7734	11/10/2025, 17:59
scott.schneider.3.ctr@us.af.mil;		EASIER: Corrective Action Assignment for Spill (USAF Academy)	You have been assigned as the POC for a new Corrective Action for a Spill at USAF Academy by RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC. Please review your Corrective Action and continue to update it in EASIER until completion. Corrective Action: Liberty Disposal Inc. performed clean-up for the spill. They used absorbent on paved areas around storm inlet. The 10CES environmental spill response team disposed of materials. View Event: https://usaf.dps.mil/teams/14074/Module/SpillDetails.aspx?SID=7734 Tip: If you have multiple Corrective Actions assigned to you for multiple events, you can quickly see all your corrective actions via the "My Events" page under the "Pending Corrective Actions" tab.	11/10/2025, 17:43

History

Date	Action	Description / Comments	Generated By
11/17/2025, 14:10:35	Event Closed		FELLNER, BRANDON A NH-03 USAF AFMC AFCEE/AFCEC/CZOM
11/17/2025, 14:02:06	Report HAF Determination Added	Report To HAF Determination: No corrective actions completed	DELL, RONALD G CIV USAF AFMC AFCEC/CZOM

Date	Action	Description / Comments	Generated By
11/17/2025, 13:55:04	Event Read and Received		FELLNER, BRANDON A NH-03 USAF AFMC AFCEE/AFCEC/CZOM
11/13/2025, 15:41:21	Event Edited		STEVENS, LISA CTR USAF USAFA 10 CES/CEIEC
11/13/2025, 15:40:05	Attachment Added	Photo: 20251113_104604 Post Cleanup.jpg (11/13/2025)	STEVENS, LISA CTR USAF USAFA 10 CES/CEIEC
11/13/2025, 15:39:15	Corrective Action Edited	CA Assigned To SCHNEIDER, SCOTT R CTR USAF USAFA 10 CES/CEIEC (In Progress) modified Status modified to Complete	STEVENS, LISA CTR USAF USAFA 10 CES/CEIEC
11/13/2025, 12:32:58	Event Edited		STEVENS, LISA CTR USAF USAFA 10 CES/CEIEC
11/13/2025, 12:28:53	Corrective Action Edited	CA Assigned To SCHNEIDER, SCOTT R CTR USAF USAFA 10 CES/CEIEC (Complete) modified Status modified to In Progress	STEVENS, LISA CTR USAF USAFA 10 CES/CEIEC
11/12/2025, 11:54:47	Attachment Added	Supporting Document: Schaeffer Hydro Oil-46 MSDS.pdf (11/10/2025)	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/12/2025, 11:54:08	Attachment Added	Photo: Image 10.jpeg (11/10/2025)	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/12/2025, 11:53:18	Attachment Added	Photo: Image 9.jpeg (11/10/2025)	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:59:17	Event Submitted		RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:59:08	Attachment Added	Photo: Image 8.jpeg (11/10/2025)	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:58:43	Attachment Edited	Photo: Image 7.jpg modified Sent/Received Date added as 11/10/2025	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:58:34	Attachment Edited	Photo: Image 6.jpg modified Sent/Received Date added as 11/10/2025	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:58:25	Attachment Edited	Photo: Image 5 - Stormwater Basin.jpg modified Sent/Received Date added as 11/10/2025	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:58:16	Attachment Added	Photo: Image 7.jpg	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:56:52	Attachment Added	Photo: Image 6.jpg	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:56:07	Attachment Added	Photo: Image 5 - Stormwater Basin.jpg	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:52:18	Attachment Edited	Photo: IMG_20251110_134158.jpg modified File Name modified to Image 4.jpg Sent/Received Date added as 11/10/2025	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:52:08	Attachment Edited	Photo: IMG_20251110_134152.jpg modified File Name modified to Image 3.jpg Sent/Received Date added as 11/10/2025	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:51:58	Attachment Edited	Photo: 20251110_134807.jpg modified File Name modified to Image 1.jpg Sent/Received Date added as 11/10/2025	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:51:44	Attachment Edited	Photo: Image 1.jpg modified File Name modified to Image 2.jpg Sent/Received Date added as 11/10/2025	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC

Date	Action	Description / Comments	Generated By
11/10/2025, 19:51:21	Attachment Edited	Photo: 20251110_134758.jpg modified File Name modified to Image 1.jpg Sent/Received Date added as 11/10/2025	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:51:06	Attachment Added	Photo: 20251110_134758.jpg	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:50:44	Attachment Added	Photo: 20251110_134807.jpg (11/10/2025)	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:50:20	Attachment Edited	Photo: IMG_20251110_134158.jpg modified Sent/Received Date added as 11/10/2025	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:50:07	Attachment Added	Photo: IMG_20251110_134152.jpg (11/10/2025)	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:49:45	Attachment Added	Photo: IMG_20251110_134158.jpg	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:43:11	Corrective Action Added	Assigned To: SCHNEIDER, SCOTT R CTR USAF USAFA 10 CES/CEIEC (Complete)	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:41:09	External Communications Questionnaire Answered		RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:38:23	Event Edited	Classification: Reviewable	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:38:22	Release Details Questionnaire Answered		RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:38:08	Release Details Questionnaire Answered		RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:25:33	Released Material Added	Hydraulic Fluid	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:25:11	POC Added	Additional: SCHNEIDER, SCOTT R CTR USAF USAFA 10 CES/CEIEC	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:23:52	Event Edited	Event Coordinates Updated	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:23:01	POC Added	Additional: DEBOER, KATHRYN E CTR USAF USAFA 10 CES/CEIEC	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:22:40	POC Added	Additional: BALEK, AMY C CIV USAF USAFA 10 CES/CEIE	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:22:28	POC Deleted	Additional: SCHATZ, BARRY A CIV USAF USAFA 10 CES/CEIE	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:22:24	POC Added	Additional: SCHATZ, BARRY A CIV USAF USAFA 10 CES/CEIE	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:22:08	POC Added	Additional: SCHATZ, BARRY A CIV USAF USAFA 10 CES/CEIE	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:21:45	POC Added	Primary: STEVENS, LISA CTR USAF USAFA 10 CES/CEIEC	RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC
11/10/2025, 19:20:42	POC Created	Author: RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC	System
11/10/2025, 19:20:41	Event Created		RASKIN, JENNIFER D CTR USAF USAFA 10 CES/CEIEC

Attachment F
SWPPP checklist

US Air Force Academy and Contractor Storm Water Permitting Guidance

December 2022

(Replaces May 2022 version)

Project:

Date

PURPOSE AND USE

This guidance document is intended to assist Contractors in complying with Environmental Protection Agency (EPA) [2022 Construction General Permit \(CGP\)](#). On January 18, 2022, EPA issued the CGP that took effect February 17, 2022, and will last for five years. Where EPA is the permitting authority (see below), construction stormwater discharges are almost all permitted under the Construction General Permit (CGP). The SWPPP is not required to follow the format of the checklist, though it is strongly recommended for ease of SWPPP preparation and CE Water Quality Manager review and approval.

STORM WATER PERMITTING REQUIREMENTS

Construction General Permit

Proposed USAFA construction projects consisting of *one or more acres of land disturbance* are regulated by EPA's CGP. The CGP authorizes storm water discharges from these construction activities within limitation. The goal of the CGP is to reduce or eliminate storm water pollution from construction activities by requiring the proponent (Contractor) plan and implement appropriate pollution control practices to protect water quality. The CGP is administered by the EPA for federal lands. The State of Colorado currently has no jurisdiction regarding storm water compliance on federal land.

Land disturbance includes clearing, grubbing, grading, excavation, stockpiling, maintenance yards, parking areas, and other activities creating land disturbance where vegetation is removed, or significantly impacted, creating erosion prone areas including vehicle wheel disturbance. Routine maintenance and repair of existing gravel and asphalt roads and parking lots is not included in the acreage calculation. New road and parking lot construction is considered land disturbance and is included in the acreage threshold.

All proposed projects of one or more acres are required to fulfill CGP requirements. CGP waivers for Certain Small Construction Activities (CGP Appendix C) *do not apply and will not be accepted at USAFA*.

The CGP and SWPPP are considered binding compliance documents. Failure to comply with CGP and SWPPP may result in the EPA issuing a Notice of Violation against the Contractor with potentially significant monetary penalty.

In addition to CGP compliance requirements, the Academy maintains an individual Municipal Separate Storm Sewer System (MS4) Permit - COR042007, which includes a construction BMP overlay. The MS4 Permit requires BMPs be identified in the Construction Site Storm Water Runoff Control BMP with measurable goals. Though the Construction General Permit's SWPPP compliance requirements encompass construction BMPs, these BMPs are reiterated in the MS4 storm water management program including the design and installation of post-construction storm water BMPs as required. A violation of the CGP can be considered a violation of the MS4 Permit.

Notice of Intent(s)

The EPA requires the Contractor to electronically prepare and submit your Notice of Intent (NOI) for coverage under the 2022 CGP, unless you received a waiver from your EPA Regional Office, through the eReporting Tool (NeT). The Contractor is defined as being the day-to-day operator and the one responsible for SWPPP and CGP compliance. USAFA, as the landowner, has CGP compliance oversight,

and having control over Plans and Specifications. Prior to filing the NOI, the Contactor is required to prepare and submit a SWPPP to the USAFA Environmental Program Manager for approval. The storm water permitting process is required to be completed *prior to* construction commencement. The CE Environmental Program Manager also provides the Contractor with other terms and conditions based upon [USAFA's Erosion Control, Revegetation, and Tree Care Standard \(Section 01351, rev. 2019\)](#) and [USAFA's Environmental Standards \(Section 01350, rev. 2021\)](#). The following EPA website will provide you access to the CGP and related NOI links: [Submitting a Notice of Intent \(NOI\)](#), [Notice of Termination \(NOT\)](#), or [Low Erosivity Waiver \(LEW\) under the Construction General Permit](#).

Notice of Termination

The Contractors electronic Notice of Termination (NOT) through NeT filing is required to be approved by the CE Environmental Program Manager *prior to filing*. For NOT consideration, contact your CE Construction Representative in writing requesting termination. The CE Construction Representative will notify the CE Environmental Program Manager who will perform the termination assessment. Typically, for adequate vegetation or stabilization to occur, the project warranty period should be near expiration for termination consideration. In some situations, the Academy may authorize earlier termination depending on site conditions and compliance with the CGP. However, the Contractor is required to comply with the *Overarching Environmental Specifications Revegetation Specification* including required topsoil replacement and other specific revegetation specifications. If the Contractor does not implement or comply with the Revegetation Specifications, the Academy will not consider authorizing the NOT.

Completion of the Final Contract Punch List/Final Inspection performed between the Contracting Officer and the CE Construction Representative, *does not* relieve the Contractor of continued compliance under the SWPPP and General Permit. Expiration of the contract warranty period *does not* relieve the Contractor of continued compliance under the SWPPP and CGP.

Project Ultimately Exceeds One Acre

If initially the project is estimated to disturb less than one-acre, and the disturbance is actually one or more acres during construction, the Contractor is to *immediately* notify the CE Environmental Program Manager and initiate compliance with the CGP and complete the procedures identified in this document. Any proposed project estimating total disturbed acreage of between 0.8 and 0.99 acres are encouraged to obtain storm water permit coverage. Project delay due to a contractor not preparing an approved SWPPP and NOI filing will be the contractor's responsibility.

Projects Less Than One Acre

If proposed land disturbance is less than one-acre, the Contractor is required to implement storm water Best Management Practices (BMPs) without preparing a SWPPP or filing an NOI. The USAFA may require the Contractor prepare a Storm Water Management Plan, prior to construction, if construction activities are less than one-acre but will occur in an environmentally sensitive or highly erosion prone areas. These projects are required to comply with the USAFA Revegetation Specification which provides compliance with USAFA's Municipal Storm Water General Permit.

CONTRACTOR AND USAFA ROLES

Role of the Contractor

The Contractor shall be familiar with CGP compliance requirements and is responsible for complying with SWPPP and CGP terms. The Contractor is required to prepare a signed SWPPP and submit the SWPPP to the USAFA Contracting Office. Once the SWPPP has been approved by CE Environmental Program Manager, the Contractor will provide a signed copy of the final SWPPP to the Contracting Office and/or the CE Environmental Program Manager. Once the SWPPP is approved, the Contactor can file their NOI

electronically. The EPA NeT approval process is, at a minimum, a 14-day process (**waiting**) before it is **activated**. Land disturbing construction activities *are not* authorized until the NOI is **activated**.

The Contractor performs and documents inspections pursuant to CGP requirements and maintains the SWPPP (living project document) for EPA and USAFA inspection. Upon NOT, the Contractor is required to archive the SWPPP for three-years in the event of an EPA inspection. CE will archive the original approved SWPPP with related CE inspection forms.

Role of USAFA Construction Representative and USAFA Contracting Office

The Construction Representative is responsible for coordinating the SWPPP process with the Contracting Office. The SWPPP is given to the Contracting Office by the Contractor as a submittal requirement (Submittal Register Category A). The Contracting Office submits the SWPPP to the CE Construction Representative. The SWPPP requires government approval, and the Construction Representative submits the SWPPP to the CE Environmental Program Manager for review and written approval, or disapproval with comment. The Contracting Office, or the Construction Representative, does not review the SWPPP for CGP compliance.

The Construction Representative performs and documents weekly inspections to demonstrate compliance with the CGP. These reports are submitted to the CE Environmental Program Manager for review. In the event the inspection report identifies any deficiencies, or potential non-compliance, a copy of the inspection report is sent to the project Contracting Officer. The Contracting Officer solicits a written response from the Contractor regarding corrective actions taken and sends the corrective action response to the Construction Representative and Environmental Program Manager. Failure for a Contractor not completing corrective action within a timely manner will subject the Contractor to potential project delay at their cost.

Role of CE Environmental Program Manager

The CE Environmental Program Manager represents the USAFA regarding compliance with the Clean Water Act. As an officer under the USAFA MS4, the Environmental Program Manager has direct Clean Water Act compliance oversight.

The CE Environmental Program Manager provides guidance to Contractors regarding storm water permitting. The CE Environmental Program Manager is available to answer questions regarding SWPPP preparation, NOI and NOT electronic filing, and CGP compliance requirements. The Environmental Program Manager approves, or disapproves, the Contractors SWPPP. Once the SWPPP has been approved by the Environmental Program Manager, the approval is noted which is given to the Construction Representative who submits the form to the Contracting Office.

The Water Quality Manager does not maintain the Contractor's SWPPP for compliance demonstration, but retains a copy of the approved SWPPP, CE inspection reports and NOI termination correspondence.

Additional NeT information for Contractor filing is provided by the Environmental Program Manager and includes the Endangered Species Act category selection (A through F) and Total Maximum Daily Load identification. The Contractor may proceed with construction once the Contractor's NOI is **activated**. The USAFA does not wait for their NOI to be activated by EPA since the Contractor's NOI has been **activated**.

2022 STORM WATER POLLUTION PREVENTION PLAN (SWPPP) CHECKLIST

This checklist is intended to reflect EPA requirements for a compliant SWPPP. The checklist serves as a guidance document only. The ultimate responsibility for preparing the SWPPP and completing the electronic Notice of Intent (NOI) process rests with the Contractor. The use of this checklist does not guarantee compliance with Construction General Permit COR12000F (CGP).

The “Permit Citation” column indicates where the particular requirement can be found in the Construction CGP. Use the “Location” column to note where the requirement can be found in your SWPPP. Use the “check” column to indicate the SWPPP adequately addresses the corresponding requirements. Submit completed checklist as part of the SWPPP for CE Environmental Program Manager review. The Description briefly identifies the CGP SWPPP requirement while the italicized notation identifies procedural or responsibility clarification.

A full description of the required contents of the SWPPP, as well as additional permit requirements, may be found in the CGP effective February 17, 2022. This permit is available on-line at: <https://www.epa.gov/npdes/2022-construction-general-permit-cgp#2022cgp> or by contacting the CE Environmental Program Manager.

2022 General Permit for Storm Water Discharges from Construction Activities COR12000F – SWPPP Checklist			
2022 CGP Citation	Description	Check	Location in SWPPP
Miscellaneous SWPPP Contents			
General	<i>On SWPPP cover page, note General Permit COR12000F. Include completed checklist in SWPPP for USAFA submittal and review.</i>		
General	<i>Upon SWPPP approval, place completed USAFA SWPPP checklist in SWPPP.</i>		
General	<i>All CGP SWPPP requirements must be identified in the Contractor’s SWPPP. If a CGP SWPPP requirement does not apply, the SWPPP is required to identify the requirement and briefly explain why the requirement does not apply. Please use EPA’s 2022 SWPPP template found at: https://www.epa.gov/npdes/construction-general-permit-resources-tools-and-templates#swPPP</i>		
Appendix I, Part 1.11.4.	<i>Certify SWPPP in accordance to General Permit. Do not modify certification language.</i>		
(2022 CGP)- Part 1.5	The Contractor must post a sign or other notice of the permit coverage at a safe, publicly accessible location in close proximity to the construction site. The notice must be located so that it is visible from the public road that is nearest to the active part of the construction site, and it must use a font large enough to be readily viewed from a public right-of-way. At a minimum, the notice must include: If <ol style="list-style-type: none"> a. The NPDES ID (i.e., permit tracking number assigned to the NOI); 		

**2022 General Permit for Storm Water Discharges from Construction Activities COR12000F –
SWPPP Checklist**

2022 CGP Citation	Description	Check	Location in SWPPP
	<ul style="list-style-type: none"> b. A contact name and phone number for obtaining additional construction site information; c. The Uniform Resource Locator (URL) for the SWPPP (if available), or the following statement: “If you would like to obtain a copy of the Stormwater Pollution Prevention Plan (SWPPP) for this site, contact the EPA Regional Office at [include the appropriate CGP Regional Office contact information found at https://www.epa.gov/npdes/contact-us-stormwater#regional];” and d. The following statement “If you observe indicators of stormwater pollutants in the discharge or in the receiving waterbody, contact the EPA through the following website: https://www.epa.gov/enforcement/report-environmental-violations.” 		
(2022 CGP)- Appendix I, Part I.15	<p>The Contractor is required to obtain CE Environmental Program Manager approval of final stabilization prior to filing NOT for permit termination. <i>Copies of the SWPPP and all documentation required by this permit, including records of all data used to complete the NOI to be covered by this permit, must be retained for at least three years from the date that permit coverage expires or is terminated. This period may be extended by request of EPA at any time. USAFA is also required to retain the original approved SWPPP and CE inspections for 3 years.</i></p>		
(2022 CGP)- Part 7.2.11	<p>Post-Authorization Additions to the SWPPP. Are the following items provided in the SWPPP?</p> <ul style="list-style-type: none"> a) A copy of the NOI submitted to EPA along with any correspondence exchanged between Permittee and EPA related to coverage under this permit; b) A copy of the acknowledgment letter received from NeT assigning your NPDES ID (i.e., permit tracking number); c) A copy of this permit (<i>an electronic copy easily available to the stormwater team is also acceptable</i>). <p><i>After CE Environmental Program Manager approval, include signed and certified copy of the activated NOI in the SWPPP.</i></p>		
(2022 CGP)- Part 7.4.2	<p>Is there an SWPPP amendment log showing all the dates of the SWPPP modifications? <i>This log must include the name and person authorizing the date of each change and a brief summary of all changes.</i></p>		
General	<p><i>Reference and Implement current USAFA Revegetation Specifications for final stabilization practices. Transition from construction BMPs to post-construction BMPs should be considered and identified in the SWPPP.</i></p>		
General	<p><i>Provide a description of final stabilization practices and BMPs.</i></p>		

2022 General Permit for Storm Water Discharges from Construction Activities COR12000F – SWPPP Checklist			
2022 CGP Citation	Description	Check	Location in SWPPP
SWPPP Template – Section 1: Contact Information/ Responsibilities Designates operators, subcontractors, and the Stormwater team Provides a 24-hour emergency contact			
Para 1.1 – Operators and Subcontractors			
2022 CGP SWPPP template (1.1) CGP App 7.2.1 and I.11	Identify the operator(s) who will be engaged in construction activities at the site. Indicate respective responsibilities, where appropriate. Also include the 24-hour emergency contact. List subcontractors expected to work on-site. Notify subcontractors of stormwater requirements applicable to their work.		
Para 1.2 – Stormwater Team			
2022 CGP SWPPP template (1.2) (2022 CGP) - Section 7.2.2- Stormwater Team and CGP Appendix I	Identify the individuals (by name or position) that are part of the project’s stormwater team, their individual responsibilities, and which members are responsible for inspections. At a minimum the stormwater team is comprised of individuals who are responsible for overseeing the development of the SWPPP, any later modifications to it, and for compliance with the permit requirements (i.e., installing and maintaining stormwater controls, conducting site inspections, and taking corrective actions where required). <i>Each member of the stormwater team (including CE Environmental Program Manager) must have ready access to either an electronic or paper copy of applicable portions of the 2022 CGP and the SWPPP.</i>		
SWPPP Template – Section 2: Site Evaluation, Assessment, and Planning Describes the construction sequence of the project How project will be carried out (e.g. scope, phasing, schedule)			
Para 2.1 – Project/Site Information			
2022 CGP SWPPP template (2.1) (2022 CGP) – Part 7.2.4	Provide project name and address, location (lat/long), method used to determine location and additional project information (i.e. is project in Indian country lands, in response to public emergency or a federal operator?)		
Para 2.2 – Discharge Information			
2022 CGP SWPPP template (2.2) (2022 CGP)- Part 7.2.4.c MS4 Program	Discharge information- List the name of surface waters that receive discharges from your construction site or from the MS4. Are any of the waters listed “impaired” by state or tribe within one mile downstream of the sites discharge point? Please provide specific information on pollutants causing impairment. <i>Monument Creek is currently impaired for E. coli.</i>		
2022 CGP SWPPP template (2.2) (2022 CGP)- Part 2.2.1, Part 7.2.4.d Appendix D MS4 Program	Are any surface waters located within 50 feet of project? Have the buffer requirements been satisfied per section 2.2.1? Are there exceptions (i.e. no discharge of stormwater to surface water) or exemptions (404 permit, water dependent structure or water access area) and are they identified in SWPPP? <i>Please place copy of 404 permits or other documentation that fulfils buffer requirements.</i>		

2022 General Permit for Storm Water Discharges from Construction Activities COR12000F – SWPPP Checklist			
2022 CGP Citation	Description	Check	Location in SWPPP
Para 2.3 – Nature of Construction Activity			
2022 CGP SWPPP template (2.3.1) (2022 CGP)- Part 7.2.3	Describe the general nature/function of the construction project.		
2022 CGP SWPPP template (2.3.2) (2022 CGP)- Part 7.2.3.b/c/e	Indicate the total site area (in acres) that is expected to be disturbed (including off-site borrow areas, fill areas, stockpiles and maintenance yard). Note on project map by boundary inclusive project area. <i>Soil disturbance and vegetation impacts resulting from the construction activity will be included in the disturbed acreage calculation. The Contractor is responsible for final stabilization of these areas.</i>		
2022 CGP SWPPP template (2.3.3) (2022 CGP)- Part 7.2.3.d	Are there construction support activities described?		
2022 CGP SWPPP template (2.3.4) (2022 CGP)- Part 7.2.3.h	Are the business hours and work days included?		
Part 2.4 - Sequence and Estimated Dates of Construction Activities			
2022 CGP SWPPP template (2.4) (2022 CGP)- Part 7.2.3.f	Describe the intended sequence of major construction activities that disturb soils at the construction site. <i>Provide estimated sequence time frames (dates) of major construction activities.</i>		
Part 2.5 – Allowable Non-Stormwater Discharges			
2022 CGP SWPPP template (2.5) (2022 CGP)- Part 7.2.5 and 1.2.2	Are all allowable sources of non-stormwater discharges identified? (ex. Construction dewatering, hydrostatic testing) <i>Note: these may require a separate process water discharge permit.</i>		
Part 2.6 – Site Maps			
2022 CGP SWPPP template (2.6) (2022 CGP)-Part 7.2.4	Is there a site map documenting equipment staging areas, material supply, track out pads, total soil disturbance area, drainage patterns, outfalls, etc.? <i>Refer to maps in Appendix A.</i>		
SWPPP Template - Section 3: Documentation of Compliance with other Federal Requirements NEPA Review, Endangered Species, Historical Preservation, and Safe Drinking Water Act			
Para 3.1 – Endangered Species Protection			
2022 CGP SWPPP template (3.1, Appendix K) (2022 CGP)-Part 7.2.9.a	Has documentation been included to support the determination of eligibility criterion (A-F) that has been met with the respect to the protection of endangered species? <i>Include any relevant documentation from U.S. Fish and Wildlife Service or equivalent USAFA correspondence in the SWPPP.</i>		

2022 General Permit for Storm Water Discharges from Construction Activities COR12000F – SWPPP Checklist			
2022 CGP Citation	Description	Check	Location in SWPPP
Para 3.2 – Historic Preservation			
2022 CGP SWPPP template (3.2 and Appendix K) (2022 CGP) – 7.2.9.b	Has documentation been included that support the determination of whether installation of subsurface earth-disturbing stormwater controls will have an effect on historic properties? <i>Include any relevant documentation or equivalent USAFA correspondence in the SWPPP.</i>		
Para 3.3 – Safe Drinking Water Act – Underground Injection Control Requirements			
2022 CGP SWPPP template (3.3) (2022 CGP)-Part 7.2.9.c	Are any of the following controls (Infiltration trenches, subsurface vaults, devices used to capture and infiltrate stormwater, drywells, seepage pits, improved sinkholes) going to be installed? Has there been coordination with applicable state or EPA regional office for implementing the requirements for Underground injection wells?		
Record of Environmental Consideration/NEPA Review			
2022 CGP SWPPP template (Appendix K) (2022 CGP)-Part 7.2.9.a/b	Is the Record of Environmental Consideration (REC) included?		
SWPPP Template- Section 4: Erosion and Sediment Controls Provides detailed erosion and sediment control plans and specs; outlines temporary and final stabilization plans			
Para 4.1 – Natural Buffers or Equivalent Sediment Controls			
2022 CGP SWPPP template (4.1.1) (2022 CGP)-Part 2.2.1 and 7.2.6.b	Were surface waters within 50 feet from the project considered? <i>Encourage to utilize existing vegetation as buffer. Preserve vegetation where possible and reference current USAFA Revegetation Specifications.</i>		
2022 CGP SWPPP template (4.1.1) (2022 CGP)-Part 2.2.1 and 7.2.6.b	If surface waters are within 50 feet, were alternatives considered?		
2022 CGP SWPPP template (4.1.2) (2022 CGP)-Part 2.2.1 and 7.2.6.b	Are buffer exceptions considered?		
Para 4.2 – Sediment Controls			
(2022 CGP)- 7.2.6.b.ii	Does the SWPPP include a description and specifications for sediment and perimeter controls?		
(2022 CGP)- 7.2.6.b.ii	Does SWPPP include installation dates for sediment controls?		
(2022 CGP)- 7.2.6.b.ii	Does SWPPP include maintenance requirements for sediment and perimeter controls?		

2022 General Permit for Storm Water Discharges from Construction Activities COR12000F – SWPPP Checklist			
2022 CGP Citation	Description	Check	Location in SWPPP
Para 4.3 – Vehicle Tracking Control BMPs			
(2022 CGP)- 7.2.6.b.ii	Does the SWPPP include a description and specifications for vehicle tracking control (VTC)?		
(2022 CGP)- 7.2.6.b.ii	Does the SWPPP include installation dates for VTC?		
(2022 CGP)- 7.2.6.b.ii	Does the SWPPP include maintenance requirements for VTC?		
Para 4.4 – Stockpile Sediment and Soil			
(2022 CGP)- 7.2.6.a	Does the SWPPP include a description and specifications for stockpile controls?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include installation dates for stockpile controls?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include maintenance requirements for stockpile controls?		
Para 4.5 – Minimize Dust			
(2022 CGP)- 7.2.6.a	Does the SWPPP include a description and specifications for dust controls?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include installation dates for dust controls?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include maintenance requirements for dust controls?		
Para 4.6 – Minimize the Disturbance on Steep Slopes			
(2022 CGP)- 7.2.6.a	Does the SWPPP include a description and specifications for steep slope controls?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include installation dates for steep slope controls?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include maintenance requirements for steep slope controls?		
Para 4.7 – Topsoil			
(2022 CGP)- 7.2.6.a	Does the SWPPP include a description and specifications for topsoil controls?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include installation dates for topsoil controls?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include maintenance requirements for topsoil controls?		
Para 4.8 – Soil Compaction			
(2022 CGP)- 7.2.6.a	Does the SWPPP include a description and specifications for soil compaction controls?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include installation dates for soil compaction controls?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include maintenance requirements for soil compaction controls?		
Para 4.9 – Storm Drain Inlet Protection			
(2022 CGP)- 7.2.6.a	Does the SWPPP include a description and specifications for storm drain inlet protection?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include installation dates for storm drain inlet protection?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include maintenance requirements for storm drain inlet protection?		
Para 4.10 – Constructed Stormwater Conveyance Channels			

**2022 General Permit for Storm Water Discharges from Construction Activities COR12000F –
SWPPP Checklist**

2022 CGP Citation	Description	Check	Location in SWPPP
(2022 CGP)- 7.2.6.a	Does the SWPPP include a description and specifications for stormwater channels?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include installation dates for stormwater channels?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include maintenance requirements for stormwater channels?		
Para 4.11 – Sediment Basins			
(2022 CGP)- 7.2.6.a	Does the SWPPP include a description and specifications for sediment basins?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include installation dates for sediment basins?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include maintenance requirements for sediment basins?		
Para 4.12 – Chemical Treatment			
(2022 CGP)- 7.2.6.a	Does the SWPPP include a description and specifications for chemical treatment?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include installation dates for chemical treatment?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include maintenance requirements for chemical treatment?		
Para 4.13 – Dewatering Practices			
(2022 CGP)- 7.2.6.a	Does the SWPPP include a description and specifications for dewatering?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include installation dates for dewatering?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include maintenance requirements for dewatering?		
Para 4.14 – Other Stormwater Controls			
(2022 CGP)- 7.2.6.a	Does the SWPPP include a description and specifications for other controls?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include installation dates for other controls?		
(2022 CGP)- 7.2.6.a	Does the SWPPP include maintenance requirements for other controls?		
Para 4.15 – Temporary Stabilization Measures (For Each Measure)			
(2022 CGP)- 7.2.6.b.vii	Does the SWPPP include a description and specifications for temporary stabilization measures?		
(2022 CGP)- 7.2.6.b.vii	Does the SWPPP include installation dates for temporary stabilization measures?		
(2022 CGP)- 7.2.6.b.vii	Does the SWPPP include maintenance requirements for temporary stabilization measures?		
Permanent Stabilization (For Each Measure)			
(2022 CGP)- 7.2.6.b.vii	Does the SWPPP include a description and specifications for permanent stabilization measures?		
(2022 CGP)- 7.2.6.b.vii	Does the SWPPP include installation dates for permanent stabilization measures?		
(2022 CGP)- 7.2.6.b.vii	Does the SWPPP include maintenance requirements for permanent stabilization measures?		
Para 4.16 – Final Stabilization			

2022 General Permit for Storm Water Discharges from Construction Activities COR12000F – SWPPP Checklist			
2022 CGP Citation	Description	Check	Location in SWPPP
(2022 CGP) – 2.2.14.b	Does the SWPPP state the USAFA Stormwater Program is required to conduct a final inspection? 70% vegetative cover (or equivalent) is required before a NOT will be issued?		
Para 4.17 - Documentation			
MS4 Program	Does the SWPPP address the procedures for documenting temporary and permanent stabilization measures?		
Low Impact Design (LID)			
MS4 Program	Does the SWPPP identify LID stormwater management measures to address stormwater runoff once the construction is complete?		
SWPPP Template- Section 5: Pollution Prevention Standards			
Identifies activities and potential pollutants			
2022 CGP SWPPP template (5.1) (2022 CGP)- Part 7.2.6.vii	Does the SWPPP identify potential pollution generating activities and pollutants which could be discharged from the site? (<i>e.g. paving operations; paint, stucco, form release oils curing compounds, masonry, and concrete cuttings/washouts; solid waste disposal and storage, etc.</i>).		
2022 CGP SWPPP template (5.2) (2022 CGP)- Part 7.2.11	Does the SWPPP have a spill plan? <i>This would include procedures that will prevent and respond to leaks, spills, and other releases. The Academy requires that you develop a Spill Prevention and Response Plan (SPRP) and proposed use of hazardous materials requires USAFA approval (Form 3952).</i>		
2022 CGP SWPPP template (5.3) (2022 CGP)- Part 2.3.1	Are there pollution prevention measures specified for fueling and maintenance of equipment and vehicles? <i>Have practices been identified that will eliminate the discharge of spilled or leaked chemicals?</i>		
2022 CGP SWPPP template (5.4) (2022 CGP)- Part 2.3.2	Are there pollution prevention measures specified for equipment and vehicle washing? <i>Have practices been identified that will eliminate the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other types of washing? Are there preventative measures to eliminate the discharge of soaps, detergents, or solvents?</i>		
2022 CGP SWPPP template (5.5) See Para 5.5.1 to 5.5.6 (2022 CGP)- Part 2.3.3	Are there pollution prevention measures specified for storage, handling, and disposal of building products, materials, and waste? <i>Have practices been identified that will eliminate the discharge of these wastes?</i>		
2022 CGP SWPPP template (5.5.1) (2022 CGP)- Part 2.3.a	Building Products		
2022 CGP SWPPP template (5.5.2) (2022 CGP)- Part 2.3.3.b	Pesticides, Herbicides, Insecticides, Fertilizers, and Landscape Materials		
2022 CGP SWPPP template (5.5.3) (2022 CGP)- Part 2.3.3.c	Fuels, Oils, Fluids, and Other Chemicals		

**2022 General Permit for Storm Water Discharges from Construction Activities COR12000F –
SWPPP Checklist**

2022 CGP Citation	Description	Check	Location in SWPPP
2022 CGP SWPPP template (5.5.4) (2022 CGP)- Part 2.3.3.d	Hazardous or Toxic Waste		
2022 CGP SWPPP template (5.5.5) (2022 CGP)- Part 2.3.3.e	Construction and Domestic Waste		
2022 CGP SWPPP template (5.5.6) (2022 CGP)- Part 2.3.3.f	Sanitary Waste		
2022 CGP SWPPP template (5.6) (2022 CGP)- Part 2.3.4	Are pollution prevention measures specified for washing applicators and containers for paint, concrete, and other materials? (e.g. lined concrete wash out)		
2022 CGP SWPPP template (5.7) (2022 CGP)- Part 2.3.5	Are pollution prevention measures specified for fertilizers?		
2022 CGP SWPPP template (5.8) (2022 CGP)- Part 2.3.6	Are other pollution prevention measures specified?		
SWPPP Template- Section 6: Inspections, Corrective Actions, and Modifications			
Outlines inspection plan (including daily precipitation record)			
2022 CGP SWPPP template (6.1.1) (2022 CGP)-Part 4.1	Are inspections being performed by a qualified person and are their qualifications in the SWPPP?		
2022 CGP SWPPP template (6.1.1) MS4 Program	Does the SWPPP include the following statement? <i>“The USAFA Stormwater Program will conduct quarterly inspections to check compliance with the CGP. The Environmental Program Manager will contact the project proponent to schedule site visits, check the SWPPP updates, and check that routine inspections are performed.”</i>		
2022 CGP SWPPP template (6.1.2) (2022 CGP)-Part 4.2 and 7.2.7	Is the frequency of, and procedures for, inspections noted in the SWPPP?		
2022 CGP SWPPP template (6.1.2) (2022 CGP)-Part 4.4	Does the Plan address a reduction in the inspection schedule for stabilized areas and halts in construction activities?		
2022 CGP SWPPP template (6.1.3) (2022 CGP)-Part 4.5	Are the areas that must be inspected included?		
2022 CGP SWPPP template (6.1.4) (2022 CGP)-Part 4.6	Are inspection requirements included?		

**2022 General Permit for Storm Water Discharges from Construction Activities COR12000F –
SWPPP Checklist**

2022 CGP Citation	Description	Check	Location in SWPPP
2022 CGP SWPPP template (6.1.5) See Appendix D (2022 CGP)-Part 4.7	Is the inspection form adequate?		
2022 CGP SWPPP template (6.1.5) (2022 CGP)-Part 4.7	Is the frequency of, and procedures for, inspections noted in the SWPPP?		
Para 6.2 – Corrective Action			
2022 CGP SWPPP template (6.2.1) (2022 CGP)-Part 5.1	Are the conditions triggering corrective actions specified?		
2022 CGP SWPPP template (6.2.2) (2022 CGP)-Part 5.2	Does the Plan address the corrective action deadlines?		
2022 CGP SWPPP template (6.2.3)	Does the SWPPP address procedures for documenting corrective actions?		
2022 CGP SWPPP template (6.2.4) See Appendix E (2022 CGP)-Part 5.4	Does the SWPPP have a copy of the corrective actions report form that will be used for the project?		
Para 6.3 – Modification			
(2022 CGP)-Part 7.4	Is there a process for modifying the SWPPP?		
(2022 CGP)-Part 7.4.2 See Appendix F	Is there an appendix for post-authorization additions to the SWPPP (i.e. change log)?		
2022 CGP SWPPP template (6.2.4) See Appendix E (2022 CGP)-Part 5.4	Does the SWPPP have a copy of the corrective actions report form that will be used for the project?		
Para 6.4 – Records Maintenance			
(2022 CGP)-Part 4.7.4 and 5.4.5	Does the SWPPP state the requirement to retain all records for 3 years after completion of project?		
SWPPP Template- Section 7: Training Includes credentials of qualified individuals who are managing the SWPPP			
(2022 CGP)-Part 6 and 7.2.8 See Appendix L	Have the individuals that are responsible for SWPPP implementation, BMP installation and maintenance, inspections, pollution prevention measures and corrective actions reports been trained and is there documentation of the training? Has this been initiated prior to earth-disturbing activities?		
(2022 CGP)-Part 6.2	Does the Plan describe how subcontractors and new personnel will be trained on the SWPPP?		

**2022 General Permit for Storm Water Discharges from Construction Activities COR12000F –
SWPPP Checklist**

2022 CGP Citation	Description	Check	Location in SWPPP
(2022 CGP)-Part 6.2	Does the SWPPP address a routine training plan for employees and subcontractors? <i>(Recommend monthly tailgate training)</i>		
(2022 CGP)-Part 6.2 See Appendix G	Does the SWPPP have a subcontractor agreement form?		
SWPPP Template- Section 8: Certification and Notification			
Signed certification from the contractor (Legal responsibility and liability)			
CGP Application I.11	Did all “operators” sign the SWPPP?		
CGP Application I.11	Did all “operators” sign the SWPPP?		
(2022 CGP) Part 7.2.1.5 and Application I.11.4	Is there a signed and dated certification statement that meets the requirements of Appendix I, Part 1.11?		
Appendices			
Appendix A	Project Maps <input type="checkbox"/> Site Map <input type="checkbox"/> BMP Plan (by phase) <input type="checkbox"/> Stabilization Plan <input type="checkbox"/> Final Grading Plan		
Appendix B	Copy of the 2022 CGP		
Appendix C	NOI Application and EPA authorization (place holder)		
Appendix D	Inspection Form		
Appendix E	Corrective Action Log and Form		
Appendix F	SWPPP Amendment Log		
Appendix G	Subcontractor Certification and Agreements		
Appendix H	Grading and Stabilization Log		
Appendix I	Training Log		
Appendix J	Delegation of Authority		
Appendix K	Record of Environmental Consideration (NEPA)		
Appendix M	BMP Details and Specifications		
Appendix N	Seeding Specifications		
Appendix O	USAFA Dewatering Requirements and Guidance		
Appendix P	USAFA Spill Plan and Action Guidance		

The statements in this document are intended solely as guidance to aid Contractors in complying with Construction General Permit COR12000F requirements. Compliance with this document does not preclude compliance with all Construction General Permit terms, or deviation from the approved plans and specifications.

Attachment G

Stormwater Training Rosters for Contracting Office Representatives and the Paving and Equipment Group

