

Stormwater Pollution Prevention

What causes stormwater pollution?

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

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



Properly Setup
Secondary Containment

Stormwater Pollutants:

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



Keep Work
Areas Clean

Your site will be inspected:

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

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



Cover Containers

Minimize Exposure

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

What You Can Do

Good Housekeeping

- DO:
- o Keep the work area clean and tidy
 - o Keep dumpster and other container lids closed
 - o Routinely conduct "Police Calls" (clean up site by picking up and throwing away trash, and sweeping dirt)
 - o Look out for erosion
 - o Sweep up tracked dirt

- DO NOT:
- o Do not sweep dirt or any other materials into outside drains



Use Wash Racks

Maintenance

- DO:
- o Conduct maintenance indoors when possible
 - o Use drip pans, portable containments, or other effective means of containing leaks spills if outdoor maintenance is necessary
 - o Use dry cleaning methods first

- DO NOT:
- o Do not power wash outside dirty surfaces to clean them



Use Drip Pans
Correctly

Spills and Leaks

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



Look for Spills

Fueling

- DO:
- o Keep stormwater cutoff/diverter valves closed
 - o Utilize secondary containment for mobile fuel tankers or other portable fueling equipment whenever possible

- DO NOT:
- o Do not discharge collected rainwater from secondary containment without first properly inspecting for sheen and using absorbent pads to collect floating POL



Keep Valves Closed



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

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



Use Dry
Cleaning Methods