

Guidance for the Development of an Erosion and Sediment Control Plan (ESCP) in the City of Pueblo

Erosion and Sediment Control Plan (ESCP) Requirements

The City of Pueblo (City) requires an Erosion and Sediment Control Plan (ESCP) be developed for all construction sites disturbing at least 1,000 square feet but less than 1 acre. The ESCP must be submitted to the City prior to commencement of land disturbing activities. Once the submitted ESCP is accepted by the Stormwater Utility, it becomes an enforceable part of the Construction Permit. The ESCP must be implemented as written and updated during the project, from commencement of construction activity until final stabilization is complete.

Construction sites greater than 1,000 square feet and less than 1 acre are required to submit an **Erosion and Sediment Control Plan (ESCP)**.

Construction sites 1 acre or more, or less than 1 acre and part of a larger common plan of development 1 acre or more, are required to submit a **Stormwater Management Plan (SWMP)** to the City and obtain a Construction Stormwater Discharge Permit from CDPHE.

A copy of the ESCP must be kept onsite, either physically or electronically, when construction activities are occurring at the site unless the permittee specifies another location and obtains prior approval from the City.

General Requirements

The ESCP shall consist of acceptable erosion control practices and sediment control facilities in conjunction with an appropriate implementation schedule in order to accomplish adequate control. Adequate erosion control measures shall be constructed prior to land disturbing activities such that no adverse effects of site alteration will impact surrounding properties. Particular attention shall be given to concentrated flows of water, either to prevent their occurrence or to provide appropriate conveyance devised to prevent erosion. Sediment control devices shall be required at all points where sediment laden water might leave the site.

The plan must include permanent structures for conveying storm runoff, final site stabilization, and temporary sediment control features including sediment basins and stabilization of the sites where temporary features have been removed. Any erosion control measures to be implemented outside of the property line of the site will generally not be approved unless the plan is accompanied by an appropriate legal easement of the area in which such work is to be done.

Information regarding acceptable BMPs and proper installation can be found in Volume 3 of the MHFD Manual, the CDOT Erosion Control & Stormwater Quality Guide, and City of Pueblo approved details.

Erosion and Sediment Control Plan (for 1000 sq ft to 1 acre)

The City requires an ESCP at one of the following scales: 1" = 20', 1" = 30', 1" = 40', or 1" = 50'. The scale selected must be suitable for practical use and readability. The ESCP must include the following elements:

- a. Title block, including name and address of proposed project, submittal date, title of drawing, and sheet number.
- b. Existing and proposed right-of-way and easements.
- c. Drawing information, including north arrow indicator, drawing scale, and symbol legend.
- d. Property boundary.
- e. Flow arrows that depict stormwater flow directions onsite and runoff direction.
- f. Control Measures addressing the following:
 - 1) Land disturbance and storage of soils.
 - 2) Vehicle tracking.
 - 3) Loading and unloading operations.
 - 4) Outdoor storage of construction site materials, building materials, fertilizers, and chemicals.
 - 5) Bulk storage of materials.
 - 6) Vehicle and equipment maintenance and fueling.
 - 7) Significant dust or particulate generating processes.
 - 8) Routine maintenance activities involving fertilizers, pesticides, detergents, fuels, solvents, and oils.
 - 9) Concrete truck/equipment washing, including the concrete truck chute and associated fixtures and equipment.
 - 10) Dedicated asphalt and concrete batch plants.
 - 11) Other areas or operations where spills can occur.
 - 12) Other non-stormwater discharges including construction dewatering not covered under the Construction Dewatering Discharges general permit and wash water that may contribute pollutants to the MS4.

- g. Locations for all structural SCMs.
- h. Locations of all non-structural SCMs.
- i. Location of existing and proposed structures on the site, with structures subject to demolition clearly identified.
- j. All applicable City standard notes.
 - i. Prior to any construction, including site grading and excavation, an approved 'Erosion and Sediment Control Plan' shall be posted on-site and all required BMPs installed.
 - ii. General contractor shall maintain and update the 'Erosion and Sediment Control Plan' as construction dictates. Current and correct plan shall always remain on-site and be readily accessible to the City Stormwater Inspector.
 - iii. General contractor or his representative shall inspect, at a minimum, the site every 2 weeks and within 24 hours of any precipitation or snowmelt event that causes surface erosion. (i.e., that results in stormwater running across the ground).
 - iv. General contractor/owner is fully responsible to maintain all required BMPs to prevent erosion and sediment from leaving the construction site.
 - v. Failure to comply with minimum requirements is a violation of City Ordinances.
 - vi. No cross-lot drainage permitted. Stormwater shall be directed to the nearest public Right-of-Way (streets & alleys), dedicated drainage easements, and/or City of Pueblo stormwater conveyance system.
- k. Installation and implementation specifications or a reference to the document.