



# City of Benicia

## Erosion and Sediment Control

### Informational Handout

**An Erosion and Sediment Control Plan (E&SC Plan) or Storm Water Pollution Prevention Plan (SWPPP) is required for the following project types:**

- All projects for a development, including but not limited to a rezoning, tentative map, parcel map, conditional use permit, variance, site development permit, design review, or building permit are required to submit an Erosion and Sediment Control Plan per Benicia Municipal Code Chapter 15.64
- All projects required to obtain coverage under a State of California NPDES Construction General Permit (CGP)
- All projects required to develop a plan to manage storm water drainage during construction per CALGreen §4.106.2 or CALGreen §5.106.1

One (1) acre or larger projects

Cover under the NPDES General Permit for Stormwater Discharges Related to Construction Activities (CA CGP)

#### Stormwater Pollution Prevention Plan (SWPPP)

- Submit a SWPPP signed by a Qualified SWPPP Developer (QSD) prepared for CGP coverage to the City of Benicia. An additional Erosion and Sediment Control Plan is not required if CGP coverage is obtained and the SWPPP is included in the Approved plans held by the City of Benicia.
- Submit a copy of the Notice of Intent (NOI) to the City prior any work on site.

Less than one (1) acre projects

NOT cover under an NPDES General Permit for Stormwater Discharge Related to Construction Activities (CA CGP)

**General Notes:** (The following general notes shall be appended to Erosion and Sediment Control Plan Drawings or to a grading and drainage or plot plan on very simple projects)

- Vehicle ingress and egress to the construction site shall be limited to paved reinforced entrances and no vehicle shall enter or cross road-side swales where an engineered crossing (culvert) is not provided.
- All dirt or sediment tracked into the public right-of-way shall be promptly removed as soon as feasible and no less frequently than at the end of each working day. Dry sweeping methods are to be used for sweeping. Washing or pressure washing accumulated sediment off of impervious surface is prohibited unless water is collected before discharging to the municipal storm drain system or gutters.
- Existing vegetation shall be preserved wherever feasible to minimize disturbed soil area and associated erosion.
- All construction products including paint, uncured concrete, stucco, mortar, and stockpiles of erodible materials shall be protected from run-on during precipitation and disposed of properly as applicable.
- All erosion and sediment control BMP's indicated on the Erosion and Sediment Control Plan Drawing

shall be inspected regularly and repaired or maintained before precipitation events.

**Erosion and Sediment Control Plan Drawing:** (Show the following)

- Indicate areas to be disturbed, scraped, graded or otherwise subject to increase rates of erosion as a result of construction activities associated with the project.
- Location of all erosion control BMP's. These might include, but are not limited to: crimped and tackified straw, erosion control blankets, jute netting, or hydroseeding.
- Location of all sediment control BMP's. These might include, but are not limited to: silt fence barriers, straw wattles, sediment basins, check dams, or catch basin inserts.

**Applicable Permits**

Submit applicable permits directly associated with the grading activity, including, but not limited to the State Water Board's CGP, State Water Board 401 Water Quality Certification, U.S. Army Corps 404 Permit, and California Department of Fish and Game 1600 Agreement to the City prior to commencing the soil disturbing activities.

**Best Management Practices (BMP's) Rationale**

For BMP's shown on the Erosion and Sediment Control Plan Drawing, please provide a brief rationale for BMP selection, consisting of a minimum one-sentence explanation of the BMP's intended function and the run-on area served by the BMP. Provide soil-loss calculations to support sediment control BMP selection as applicable (for example, to support sizing of a proposed sediment basin) and provide sizing calculations to support erosion control BMP selection as applicable (for example, to support hydroseeding coverage).