



## City of Wilsonville

### Erosion Prevention and Sediment Control General Notes

**Erosion control.** No person shall create physical erosion by dragging, dropping, tracking, or otherwise placing or depositing, or permitting to be deposited, mud, dirt, rock, or other such debris on a public street, or into any part of the public stormwater and surface water system, or into any part of a private stormwater and surface water system that drains or connects to the public stormwater and surface water system.

**Erosion and sediment control (ESC) measures.** Effective erosion and sediment control measures are required at all times. ESC measures shall be implemented to prevent erosion, filter runoff and keep sediment from leaving the site. During the dry season, dust control measures shall be implemented to prevent dust from leaving the site.

**Scope of responsibility.** The implementation of the approved ESC plan, including the installation, construction, maintenance, replacement, upgrading and removal of the ESC measures are the responsibility of the property owner or designee until all construction is completed and approved, and all vegetation/landscaping is established. The property owner or designee shall be responsible for maintenance of the ESC measures until the permit is transferred **or the permit coverage is terminated.**

**Stormwater facilities.** All above ground treatment facilities (swales, ponds, etc.) shall be completed, inspected, and approved prior to any stormwater being allowed to enter facility or any paving to occur.

**Site inspection.** During active construction the ESC measures shall be inspected daily by the property owner or designee and maintained as necessary to ensure proper functioning. All ESC measures requiring maintenance or repair shall be completed immediately. Written ESC inspection logs are to be maintained onsite and available to the City inspectors. During inactive periods, the ESC measures shall be inspected every 2 weeks or within 24 hours following a rain event of ½" or greater.

**Wet weather requirements.** From October 1st through May 31st, the wet weather erosion prevention measures are in effect. During the wet weather season, all stockpiles and exposed soils shall be covered as described below to prevent erosion.

**Stock Piles.** Cover stockpiles with plastic sheeting during wet weather season. From October 1st through May 31st, the wet weather erosion prevention measures are in effect. During the wet weather season, all stockpiles shall be covered with plastic sheeting and protected with perimeter control at the toe of slope. Cover/stabilize stockpiles in summer season when unworked for 14-days, or immediately upon inspection of wind erosion

**Exposed soils.** Protect exposed soils with an adequate ground cover during wet weather season. Mulch, straw, compost, wood chips, and plastic sheeting are examples of acceptable ground cover. Temporarily cover

exposed soils at the end of each day during wet weather season. Stabilize exposed soils in summer season and protect from wind erosion.

**Installation of ESC measures prior to clearing & grading.** The ESC measures shown on the plans shall be constructed and approved by the City's authorized representative prior to clearing and grading activities, and in such a manner as to ensure that sediment and sediment laden water does not enter the drainage system, roadways, or violate applicable stormwater discharge standards.

**Construction entrances.** Stabilized rock gravel entrances, with subgrade reinforcement geotextile fabric, shall be installed and maintained for the duration of the project. Construction entrances shall be composed of clean rock to a depth of 8", a minimum of 20' length for single family and 50' in length for commercial or development applications and in conformance with City Detail S-2240.

**Protection of stormwater facilities, drains & inlets.** Storm drain inlets, basins, and area drains that have potential to receive runoff from the construction site shall be protected until completion of project. Inlet protection shall include biobags and low flow silt sack inserts (no overflow) where applicable. Refer to City Details S-2126 and S-2127. All storm drain inlet protection measures located in public streets shall not create a hazard to vehicular traffic, bike or pedestrian traffic.

**Sediment Fence.** Sediment fences must be the stitched-loop/pocketed type, posts installed towards excavation for perimeter use and on upslope side for interior use, joints wrapped together and fencing trenched in and backfilled. Refer to City Detail S-2245.

**On-site concrete wash water, mortar, and masonry materials.** Concrete wash water, rinse water, exposed aggregate wash water, or any water containing concrete sediment must be contained on-site in leak proof containers. Dumping onto the bare/exposed ground or pavement is not allowed. Tile saw and mortar slurry must also be contained in leak proof containers.

**Tracking of dirt and debris.** Tracking dirt and debris onto streets is not allowed. All tracking and debris on streets that occurs must be removed at the end of each day or sooner if it can be spread by traffic or reach the public stormwater system. Sediment shall be removed by scraping, sweeping, vacuuming, or other approved removal techniques. **Do not rinse any material into the storm drain. Remember: "Only rain goes down the drain!"**

**Construction Debris.** Provide adequate, well-marked garbage containers. Garbage and debris, including litter, food wrappers, construction scraps, and material packaging must be collected and contained in secured garbage containers.

**Provide a spill kit on site.** A spill kit is required to prevent hazardous or harmful substances from entering the ground or surface waters after a spill. Crews must be trained on the location and use of the kit.

**This is intended only as a partial summary of the requirements.** During the construction period, these ESC measures shall be upgraded as needed for unexpected storm events and changes in construction activities. At all times, ESC measures shall ensure that sediment and sediment-laden water does not leave the construction site.