



Erosion Prevention Outcomes

EROSION PREVENTION, 3050 N DELTA HWY, EUGENE OR 97408, 541-682-7660

Email: lcpwlmstormwater@lanecountyor.gov

Erosion Prevention website: www.lanecountyor.gov/erosionprevention

Erosion prevention outcomes are the beneficial results of employing good erosion prevention and construction site management practices during the construction of a project. All land disturbances within the County MS4 Area, unless otherwise exempted, are required to meet the erosion prevention outcomes found in Lane Code 9.090.030. Outcomes must be met even if an erosion prevention permit is not required and even if a development permit is not required.

Since each site and each project are unique, there are a variety of ways that a contractor may meet the outcomes. The code does not require the installation of specific best management practices (BMPs). Instead, the code allows for the use of a diversity of BMPs in order to achieve the required outcomes. Often, outcomes may be met by simple practices and procedures that are easily and cheaply implemented, or by using materials (soil, leaves, brush, mulch) that are already on the site.

Outcomes help to protect not only the environment, but adjacent properties and rights-of-way as well. In doing so, the practice of erosion prevention outcomes provides for more cost-effective construction practices and avoids potentially costly cleanups and/or legal issues.

Erosion prevention outcome language is located in Lane Code 9.090.030.

NOTE: Wet weather season is from October 15 to April 30th, unless otherwise determined by the Director.

9.090.030 - Outcomes

- A. Target Outcomes. All persons conducting activities covered by this Erosion Prevention Code must employ, to the maximum extent practicable, erosion prevention and construction site management practices that will achieve, during both the construction period and the wet weather season, the following outcomes:
1. Public and private ways, adjacent properties, water features, public and private stormwater systems, onsite wastewater treatment systems, stormwater management facilities, and related natural resource areas are kept free of deposits or discharges of soil, sediment, and concentrated runoff flows from the site except those that would occur through natural processes from an undisturbed site.
 2. Vegetation in water features, related natural resource areas, and associated bank and/or riparian areas adjacent to construction sites are preserved or protected from impacts that exceed those that occur through natural processes on an undisturbed site.
 3. Public and private ways, adjacent properties, water features, public and private stormwater systems, onsite wastewater treatment systems, stormwater management facilities, and related natural resource areas are kept free of:
 - a. Construction-related pollution and debris, including mud, concrete washout, trash, and other contaminants resulting from construction activities including, but not limited to, vehicle movement; material storage; and the cleaning or washing of equipment, tools, and vehicles; and
 - b. Stormwater runoff containing construction-related contaminants resulting from activities such as, but not limited to, cleaning or washing of equipment, tools, or vehicles.

9.090.030 – Outcomes, continued

4. Soils, stockpile areas, and clearing debris piles must not be exposed to precipitation or stormwater runoff without the provision of secondary containment, perimeter controls, or other approved BMPs.
5. Earth slides, mudflows, earth sloughing, or other earth movement which may leave the property must not occur in excess of that which occurs through natural processes on an undisturbed site.
6. Hazardous substances will not be released onto the site, adjacent properties, or onsite wastewater treatment systems, or into water features, public and private stormwater systems, stormwater management facilities, or related natural resource areas.
7. The use of plastic and petroleum-based materials in BMPs is limited to temporary installations that can be removed easily and completely prior to final stabilization. Plastic and petroleum-based products may not be left in the landscape to deteriorate.
8. At final stabilization stage, long-term erosion or sediment accumulation are prevented from occurring.

B. Use of Best Management Practices (BMPs).

1. When designing and implementing best management practices (BMPs) to meet the above outcomes, the following phases of work must be considered:
 - a. Site Planning. Developing a work plan for construction that incorporates appropriate erosion prevention.
 - b. Mobilization. Preparing the site such that erosion prevention measures are installed prior to beginning land disturbing activities.
 - c. Construction. Adjusting erosion prevention BMPs such that they address any changing construction site conditions to meet the above outcomes.
 - d. Final Stabilization. Ensuring that all disturbed areas are appropriately stabilized upon completion of land disturbing activities.
2. Best management practices, along with guidance for their design, installation, and use, are included in the Lane County Erosion Prevention Manual.

C. The responsible person must consider the seasonal variation of rainfall, temperature, and other climatic factors relative to the timing of land disturbance activities. All construction activity that may result in soil disturbance during the wet weather season must accommodate wet weather conditions by:

1. Maintaining additional BMP materials on site in order to respond immediately to changing conditions.
2. Graveling construction site entrances with crushed rock of sufficient size and grading as necessary to prevent off-site tracking.
3. Protecting all related natural resource areas, stormwater facilities, and water features.
4. Covering all exposed stockpile areas not protected by approved perimeter controls.
5. Conducting wet weather monitoring of BMPs and conducting inspections the day following a storm.
6. Providing temporary stabilization anytime an area will not involve active construction activities for more than five (5) consecutive days.