

ARTICLE 3.10 – DUST CONTROL STANDARDS

SECTION 3.10.001 - PURPOSE

The purpose of the dust control standards is to reduce the amount of particulate matter, especially the amount of fine particulate matter under ten (10) microns in size (PM₁₀) which become suspended in the air as a result of construction or increased traffic on streets resulting from new developments. These measures are designed to help keep the City in compliance with EPA standards for air quality.

SECTION 3.10.002 - STANDARDS

A. Air Quality

The discharge of air contaminants from any development shall not exceed the limits set forth in this section or those limits established by the Oregon Department of Environmental Quality pursuant to ORS 468.035, whichever are the more stringent. The discharge shall be measured at the source, except for suspended particulate matter, carbon monoxide, and lime dust, which shall be measured at any contamination locale.

1. Smoke measured at the point of discharge into the air shall not exceed an opacity of twenty percent (20%) for more than three (3) minutes in one (1) hour. An exception would be allowed for legal burning authorized by permit during open burning season.
2. Total Suspended Particulate Matter is a State Standard while others are Federal and State Standards. The following contaminants shall not exceed the current standards:

Air Contaminant	Averaging Time	Standards
a. Total Suspended Particulate Matter	1) Annual Geometric Mean 2) 24 Hours	60 ug/m 150 ug/m
b. Carbon Monoxide	1) 8 Hours 2) 1 Hour	0.9 ppm 0.35 ppm
c. Sulfur Dioxide	1) Annual Arithmetic Average 2) 24 Hours 3) 3 Hours	60 ug/m 0.10 ppm 0.50 ppm
d. Ozone	1) 1 Hour Oxidants	0.12 ppm
e. PM ₁₀ Small Particulate Matter <10 mg	1) Annual Geometric Mean 2) 24 Hour	50 ug/m 150 ug/m
f. Lead	1) Annual Average Concentration	1.5 ug/m
g. Nitrogen Dioxide	1) Annual Arithmetic Mean	0.053 ppm

B. Control Mud/Dirt Carryout

1. Street Cleaning

No person shall engage in any dust producing construction related activity at any work site unless the paved streets (including shoulders) adjacent to the site where the construction related activity occurs are cleaned at a frequency of not less than once a day unless:

- a. Vehicles do not pass from the work site onto adjacent paved streets, or,
- b. Vehicles that do pass from the work site onto adjacent paved streets are cleaned and have loads secured to effectively prevent the carryout of dirt or mud onto paved street surfaces.

2. Spills

Earth or other material that is deposited by trucking and earth-moving equipment on paved streets not presenting a traffic safety concern shall be removed within eight (8) hours.

C. On-Site Dust Containment

If loose sand, dust, or dust particles from construction activity or material storage piles are found to contribute to excessive silt loadings on adjacent paved roads or property, the City shall notify the developer or responsible party of said land that said situation is to be corrected within a specified period of time, dependent upon the scope and extent of the problem. Techniques used to contain airborne dust may include application of water or dust palliatives, covering, shrouding, compacting, stabilizing, or other reasonably available dust control measures.

D. Unpaved Haul Roads

All unpaved roads or open ways of more than fifty feet (50') in length used by motor vehicles to transport materials to, from, and within the construction sites, shall be treated as needed with water or chemical suppressants to contain dust on-site.

E. Industrial Manufacturing and Commercial Staging Areas

No person shall allow the operation, use or maintenance of an industrial manufacturing or commercial staging area, unless a Dust Control Plan is approved by the Community Development Director/Planner. Such measures may include but are not limited to, adequate use of chemical suppressants, application of water, paving and other means as specified by the City.

F. Land Development

No person shall disturb or remove soil or natural cover from any area larger than five thousand (5,000) square feet and cause or permit the area to remain undeveloped for a period in excess of one (1) month unless a Dust Control Plan is approved by the City. Such measures may include but are not limited to application of adequate chemical dust suppressants, enclosures, re-vegetation, and other means as specified by the City.

G. Parking and Loading Facilities

All areas proposed to be used for off-street parking and maneuvering of vehicles, including driveways and truck loading areas, shall have either concrete or asphalt surfaces in conformance with Section 5.7.006(A).

Existing unpaved parking and staging areas shall be required to conform to the provisions of this Article at such time as a facility proposes to expand. Approved dust control measures may be required in existing unpaved areas as an interim mitigation measure until paving occurs.