

PINAL COUNTY AIR QUALITY

31 N Pinal St Bldg F/PO Box 987 Florence AZ 85132

Countywide Fugitive Dust (Control Measures)

Control Measures	Description
Watering (pre-wetting)	Application of water by means of trucks, hoses, and/or sprinklers prior to conducting any land clearing. This will increase the moisture content of the soils and increase stability of the soil.
Watering (operational control)	In active earthmoving areas, water should be applied at sufficient intervals and quantity to prevent visible emissions from extending more than 100 feet from the site's boundaries, as noted on the plot plan.
Watering (site stabilization)	Wind erosion control for inactive sites where there is no activity for seven (7) days or more.
Chemical stabilizers/dust suppressants	Effective in areas which are not subject to daily disturbances. Vendors can supply information on application methods and concentrations.
Wind barriers	Three to five-foot barriers (with 50% or less porosity), berms or equipment located adjacent to roadways or urban areas to reduce the amount of windblown material that leaves the site. Wind barriers must be implemented with watering or dust suppressants.
Cover haul vehicles	Entire surface area of hauled bulk materials should be covered with an anchored tarp, plastic or other material when the cargo container is empty or full.
Reduce speed limits	15 miles per hour maximum
Gravel pad	A layer of washed gravel, rock or crushed rock which is at least one inch or larger in diameter, maintained at the point of the intersection of a paved public roadway and a work site entrance to dislodge mud, dirt, and/or debris from the tires of motor vehicles, and/or haul trucks, prior to leaving the work site.
Grizzly	A device (i.e. rails, pipes, or grates) used to dislodge mud, dirt, and/or debris from the tires and undercarriage of motor vehicles and/or haul trucks prior to leaving the work site.

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Countywide Fugitive Dust (Control Measures) continued

Control Measures	Description
Wind Sheltering	Enclose storage piles in silos or protected three sided barriers equal to bulk material height; line work site boundaries adjacent to roadways or urban areas with wind barriers.
Altering load-in/load-out procedures	Confine load-in-load out procedures to downwind side of the material and mist material with water prior to loading. Empty loader slowly and keep bucket close to the truck while dumping.
Other measures as proposed by registrant	Specific measures that are adequate to address nuisance issues at the earth moving activity site.