

Air Quality Enhancement Activity-AIR05– Dust Control on Unpaved Roads and Surfaces

Enhancement Description

Use of a dust suppressant on unpaved roads and other surfaces to keep road material in form of aggregates which are large enough to prevent dust generation from normal traffic.

Land Use Applicability

This enhancement is applicable on crop, pasture, range, and forest land.

Benefits

Applying a dust suppressant to unpaved roads and other travel and parking areas will help to keep particulate matter (dust) from being produced by vehicular or other traffic. Transport of particulate matter from unpaved areas to nearby residences or other sensitive areas will be reduced.



Criteria for Applying Dust Palliatives to Unpaved Roads and Other Traffic Areas

1. There must be one or more sensitive areas affected by a dust producing surface.
2. The selected dust suppressant should match conditions of the surface (use information in references as guide).
3. Dust suppressant will be applied at the proper time to begin working effectively, and re-applied as needed to maintain dust control effectiveness at all times.

Documentation Requirements for Applying Dust Suppressants to Unpaved Road and Other Traffic Areas

- Description of the dust palliative application.
- Dates of palliative application.
- Amount of roadway treated.
- Type and amount of palliative applied.

WATER QUALITY AND WILDLIFE ENHANCEMENT ACTIVITY

AIR05 – OR

Dust Control on Unpaved Roads and Surfaces

Criteria

- In locations where runoff from a treated surface could immediately enter into fish spawning waters, lignosulfonate shall not be used as a dust control product.
- Where drainage from the treated surface may directly impact a nearby water body bituminous palliatives (clay-like dust suppressant that draws in moisture and aggregates particles to reduce dust emissions) shall not be used
- Prevent possible runoff of sediments from the unpaved area to a water body.