

Local and Federal Strategies for Implementing Dust Control Solutions

Both local and federal approaches to achieving dust control are possible. Depending on the nature of a dust control problem, and the specific community needs one or the other approach may be preferable.

Local approach: A community may choose to work with local or state government and/or Tribal organization(s) through Memorandums of Understanding (MOUs),

Federal approach: A community may choose to pursue regulatory options through the federal Clean Air Act (CAA) and the National Ambient Air Quality Standards (NAAQS).

The two approaches differ in the:

- speed with which controls can be implemented
- administrative complexity
- preliminary monitoring and analysis required
- initial and continuing technical needs
- flexibility to address problems
- available funding sources
- enforceability

Dust control through Clean Air Act designation depends on designation of a Non-Attainment Area (NAA) under the NAAQS. For dust issues, three years of PM₁₀ and PM_{2.5} monitoring data are typically used for designation of a NAA.