



## *Suggested first steps for dust control*

### *Take stock:*

- Identify the problem areas in your community. How are they affected by the amount and kind of traffic, the winds, and the shape of the land. How are the problem areas used?
- Identify the resources that you have and that you need for dust control. Hopefully the process of completing the rural dust survey has helped with the process. The resources you need will depend on the kind of dust control planned, so you also need to consider dust control options (next).

### *Consider the options:*

- Consider speed limits as an option for reducing dust.
- Consider changes to land use or roads that might improve the problem areas.
- Consider whether using water or dust palliatives would work well in your community.
- Identify possible funding sources, depending on the type of dust control you select.
- Information sources:

Controlling Road Dust in Rural Alaska: Practical Questions for Communities, Part 1 (ADEC, Air Quality Division)

Road building manuals, such as:

**Gravel Roads: Maintenance and Design Manual**, especially **Section 4**:

[http://water.epa.gov/polwaste/nps/gravelroads\\_index.cfm](http://water.epa.gov/polwaste/nps/gravelroads_index.cfm) or

[http://water.epa.gov/polwaste/nps/upload/2003\\_07\\_24\\_NPS\\_gravelroads\\_sec4.pdf](http://water.epa.gov/polwaste/nps/upload/2003_07_24_NPS_gravelroads_sec4.pdf)

Ongoing ADOT and UAF research and projects, still incomplete, such as:

[http://www.dec.state.ak.us/air/anpms/Dust/Dust\\_docs/Dust\\_Control](http://www.dec.state.ak.us/air/anpms/Dust/Dust_docs/Dust_Control)

[Measurements\\_UAF.pdf](http://www.dec.state.ak.us/air/anpms/Dust/Dust_docs/Dust_Control_Measurements_UAF.pdf)

### *Some other ideas:*

- Add roads to the BIA Road Inventory. Roads which have been entered in this inventory are eligible for funding to improve the roads. Roads not in the inventory are not eligible for the same funds.
- Air monitoring can be very important to document a dust problem. Funding for dust control is easier to get with air monitoring data.

**Alaska Department of Environmental Conservation  
Air Quality Division**



- Use school activities to teach about dust and dust control. Some activities are being developed at DEC for use in schools.