

Alaska Department of Environmental Conservation
Air Quality Division



How Dusty Is Your Community?

Federal health standards on particulate matter air pollution provide an opportunity to work on rural Alaska concerns about dust pollution. The Alaska Department of Environmental Conservation (ADEC) Air Quality Division would like to know how prevalent the dust problem is in rural Alaska to better help address these issues. Limited air monitoring indicates dust can be a large problem in some rural Alaska communities. ADEC cannot monitor air quality in all communities. This informal survey will help ADEC determine the extent of Alaska's dust problem.

Community Name:

Phone:

Person Completing Survey?

Email:

Community Population: (approximate)

Miles of roadway now being maintained by community?

Who is responsible for road maintenance?

(Community, City, Village)

(is this the only community entity doing road maintenance in your area? YES NO

If no, please provide additional entities?

Are any of your roads **paved**? YES NO (Approximate Miles?)

What is the typical road surface in your community? (Crushed gravel, Dirt, Sand, etc)

(Please provide, if possible, photos of your typical roads during dry and dusty conditions)

What grades do your roads average? (Level, Shallow rise/fall, Steep)

What are the typical vehicles on roads in your community? (Express in Percent)

ATVs % Cars % Pickup trucks % Larger trucks % Bulldozers %

Approximately how many dusty days occur during:

Winter: May June July August September October
(Nov.-April)

Are there people in your community highly affected by dust releases-How many?

People with: (Check all that apply)

Asthma Chronic Bronchitis Emphysema Coughing

Irritation of the eyes, nose, and throat Tightness of the chest Shortness of breath

Does your community already do dust control work? YES NO

-If yes, what funding is used to pay for costs of your dust control?

-If yes, do you use water, or chemicals? What kind? (Water, Calcium Chloride, EK-35, Durasoil, other?)

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-Is the community willing to try commercial palliative products? YES NO

-What will you want to know or read before trying chemicals?

Is water readily available "in town" for dust control? YES NO

Does the community have heavy equipment (grader) to grade and shape roads? YES NO

Do you have a truck or ATV available or which can pull trailer w/ tote or water tank?

YES NO Describe

Do you have equipment available which can lift 1-ton "totes"? YES NO

Do you have water truck available; and/or a large, mobile compactor? YES NO

Do you know what equipment would be required in your community? (Circle items below)

Dust Palliative Sprayer Trailer for palliative totes Totes (for water)
Water Truck Compactor (for road surface) Other:

Do you know the names/types of any dust control you'd like to try?

Do you have a place to store dust control equipment; or products? YES NO
Warm? or cold storage? Dry or just covered?

Is the community willing to try controlling dust, in some locations, by applying and enforcing **speed limits**, for minimizing dust releases at specific, high-speed or high traffic areas in your community? YES NO

Please describe, briefly, any past dust monitoring work done at your community. By who, when, and what were the results?

Can you think of other important questions, issues, worries, or items that should be said that affect the possibility of dust control in your community?

Note: Do you prefer that your community's response, the dust survey you're providing us, remain somewhat "confidential", namely the information provided is not broadly published or passed on unless it is compiled with the entire array of questionnaires, and therefore individual answers won't be directly attributable to you? YES NO

Return Survey to:
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