

DUST ABATEMENT ON PUBLIC ROADS

Every year, Jackson County Roads & Parks Services accepts requests from residents to apply lignin to roads for dust abatement. The county shares the cost of this service with residents on county roads. On local access roads, the full cost of dust abatement is charged to residents.

Beginning in May, road crews grade the roads to prepare them for treatment. Application of lignin takes place from approximately June 1st to June 30th. You can expect traffic to be delayed for up to two hours while the lignin is being absorbed into the road surface.

COMMONLY ASKED QUESTIONS

Q: What is Lignin?

A: Lignin is a liquid solution derived from tree sap that is widely used as a dust retardant. The composition of materials is:

Tree pulp and liquids	27%
Sugar	12%
Ash	8%
Water	53%

Q: How effective is lignin and how long will it last?

A: One application is usually effective to some degree for the entire summer. By fall, most of the benefit of the lignin has been realized. However, if the treated road requires regrading due to potholes or excessive roughness, the dust abatement qualities of lignin will decrease substantially. Additionally, rainfall and high volumes of traffic will decrease the benefits of lignin.

Q: When should I make arrangements for dust abatement?

A: Arrangements, including payment, must be concluded by June 1. Applicants are encouraged to contact Roads & Parks Services during the months of April and May .

Our address and phone number are: 200 Antelope Road, White City, 97503, (541) 774-8184.

Q: How much does dust abatement cost?

A: The prices vary on an annual basis and depend on the status of your road and the length that needs treatment. To find out the current prices, please call the Roads & Parks Services office.

Q: How do you collect the money that is used to pay for the application of the lignin?

A: This is entirely up to the people receiving the benefit. A common method is for one or more persons to acquaint their neighbors with the facts concerning lignin, its advantages and disadvantages. Those persons also collect the money for the purchase and application of lignin.

Q: Is there a minimum length required?

A: For effective dust control, it is recommended that a minimum coverage of 1,000 lineal feet be applied. Jackson County will apply lignin to areas no shorter than 500'. The reason for this is that dust from untreated portions track onto treated areas, reducing effective coverage on each end of treated sections by approximately 250'.

Q: Where can I find more information on lignin?

A: Both the Bureau of Land Management (BLM) and the U.S. Forest Service have used lignin as a dust retardant. Environmental concerns may be addressed to the Department of Environmental Quality (DEQ).

ROADS SERVICES

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