

	Council Policy		
	Classification Public Works		Policy No. PW 2.2
	Policy Title Gravel Road Dust Reduction		
	Approved By: Council	Effective Date: March 8, 2017	Revisions:

Purpose

To allow the County of Stettler No. 6 to provide Dust Reduction products in front of residential buildings, farm buildings, cemeteries and industrial/commercial sites in the County of Stettler No. 6 and control the prohibited disposal of oil on County Roads.

Statement

The dumping of oil on County roads without County approval is prohibited. However, the County of Stettler No. 6 recognizes that dust from gravel roads may create health, safety or general nuisance concerns and therefore offers a dust reduction program to mitigate the impact of dust.

General Guidelines

1. The County of Stettler No. 6 will provide a 200 meter length of Dust Reduction to the road in front of a residence, farm buildings and industrial/commercial sites. The applicant will be responsible for the cost of Dust Reduction products and the specialty application equipment required. The County will provide equipment for mixing with gravel and layout on road.
2. Application rates and material costs will be determined by the County.
3. Landowners are not permitted to apply any form of Dust Reduction products to the County roads. Participation in the provided program is required if Dust Reduction is desired.
4. The County offers two choices of material dust reduction products (subject to annual availability):
 - a) Calcium – product cost and application is generally more cost effective while performance and effective time-frames are not consistent. Annual costs are

consistent, although more than one treatment may be required depending on traffic and weather conditions. Calcium treated sections are prone to the development of pot holes and deterioration and require removal when un-safe conditions arise. They can often be re-worked if deterioration is minor with addition of water and some light blading.

- b) Light Oil – initial product cost is generally more expensive, however the material provides good residual effectiveness over generally longer periods. Subsequent application are done at lower rates which reduces annual costs after first application. Light oil applications are maintained as required by maintenance grading as a regular un-treated gravel road, just less frequently.
- 5. The County of Stettler No. 6 may apply additional lengths of Dust Reduction products, at the request of an application, with the full cost borne by the Applicant.
- 6. The County of Stettler No. 6 reserves the right to rework or remove dust reduction applications at its own discretion. Normally dust reduction applications are good for one dust control season.
- 7. Existing Oil Dust Controls will not be repaired. If the Oil Dust Control is found to have excessive deterioration or exhibits unsafe conditions then the County of Stettler No. 6 reserves the right to remove the dust control. Generally, removal consists of ripping and laying back down in loose form. Partial dust reduction may still be in effect with residual coating of oil on the gravels.
- 8. A Dust Reduction Agreement must be completed, approved and payment received before application of Dust Reduction products.
- 9. The County of Stettler No. 6 does not warrant the performance of Dust Reduction applications.
- 10. The County of Stettler No. 6 may provide a 200 meter length of Dust Reduction to the road in front of a residence, farm buildings and industrial/commercial sites on County designated Haul Roads at no cost, subject to justification of traffic volume.
- 11. The County of Stettler No. 6 may provide dust reduction, at no cost, in front of local cemeteries.

Dust Reduction – As a Condition of Subdivision or Development Permit Approval:

- 12. When a landowner obtains approval from the County for a subdivision or development permit that is reasonably expected, in the sole discretion of the County, to result in an increase of daily, monthly and/or seasonal traffic volumes on

any roads leading up to the landowner's subject property to the extent that, in the sole discretion of the County, excessive dust emanating from road traffic is reasonably expected to create objections from other landowners along those roads, the landowner may be required as a condition of subdivision or development permit approval to apply approved dust control products or pay the County's cost of controlling dust in front of those residences that the County deems to be affected.

13. The method of dust control shall be suitable to the local site conditions in front of each affected residence, to the County's satisfaction.
14. The County of Stettler No. 6 reserves the right to rework or remove dust control applications at its own discretion. Normally dust control applications are good for one dust control season.

Related Documents

Policy Authorization

Reeve Signature	Effective Date	Resolution Number
	March 8, 2017	79.03.08.2017