

Mackenzie County

Title	DUST CONTROL	Policy No:	PW009
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Legislation Reference	Municipal Government Act, Section 18
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Purpose

To establish the procedures and standards for dust control on municipal roads.

POLICY STATEMENT AND GUIDELINES

1. Definitions:

For the purpose of this Policy terms shall be defined as follows:

- a) A Senior Citizen residence is a residence where one primary resident is over the age of 65.
- b) High Traffic Roads are those gravel surfaced roads which are through roads or have a minimum of 4 residences that travel past the applicant's property, who live within 100 meters from the roadway.
- c) Property Owners are those private residents that own property in the County that is fronted by a municipal road.

2. Dust Control:

- a) The municipality may apply dust control at their own cost on an annual basis, provided there is funding in the budget, in the following areas:
 - i) Hamlet Residential (including Hamlet Country Residential)
 - ii) Hamlet Commercial
 - iii) Hamlet Industrial
 - iv) High traffic zones within the hamlets
 - v) School zones
 - vi) 1 passing zone every 30 km and at major intersections along County roads built to provincial highway standards.
 - vii) Areas where the County identifies a safety concern. ie. County haul roads, intersections
- b) The municipality shall consider extending their dust control service on municipal

roads to Property Owners at a fee established by the Fee Schedule Bylaw on a first come, first serve basis. The length of the dust control application shall be a maximum of 200 linear meters for any applicant and/or property owner, please see attached application form Schedule 'A'.

- c) Rural commercial/industrial ventures must apply dust control, at their own cost, to problem areas as determined by the municipality. Non-compliance of this policy shall result in the area being serviced by the municipality on a full cost recovery basis.

3. Type of Dust Control Application

- a) Unless approved otherwise, the municipality's dust control agents shall be applied once in late spring. The application rate shall be as determined by the municipality.
- b) The municipality shall consider the impact on the environment and the financial resources available when it chooses dust control agents. Dust control agents must be approved by the appropriate government agency and be used in accordance with any relevant regulations and specifications.
- c) The municipality may authorize petroleum companies to spread oily by-products on municipal roads provided that
 - (i) the petroleum company has authorization from Alberta Environmental Protection, and other appropriate government agencies,
 - (ii) the application can be coordinated with municipal road maintenance programs, and
 - (iii) the application will not negatively impact the road.
- d) The municipality may authorize private residents to apply dust control on municipal roads adjacent to their property, as outlined in the attached application form Schedule 'B'.

4. Advertising

- a) A notice in the local newspaper annually in December shall advise the ratepayers of this policy, its costs, and the procedure to have a dust control product applied on a road.
- b) Application forms will be accepted from January 1 annually until budget depletion.

	Date	Resolution Number
Approved	2000-09-05	00-489
Amended	2002-05-07	02-314
Amended	2003-06-12	03-387
Amended	2003-12-02	03-588
Amended	2005-05-25	05-285
Amended	2007-05-08	07-426
Amended	2012-02-13	12-02-093
Amended	2012-06-12	12-06-397
Amended	2015-07-29	15-07-507
Amended	2017-05-09	17-05-342

For Office Use Only:

Date of Application: _____ Time of Application: _____

Amount Paid: _____ Type of Payment: _____ Receipt Number: _____

Inspected by: _____ Date: _____

Comments/Concerns: _____



Mackenzie County SENIOR DUST CONTROL APPLICATION

Policy PW009 Schedule "A"

Applications will be accepted beginning January 1st annually.

Applicant Name: _____

Date of Birth: _____ Confirmed Senior Citizenship: _____

Legal Land Location: _____

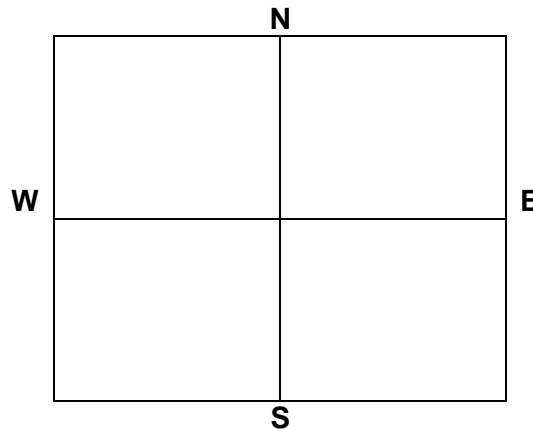
Rural Address: _____

Address: _____ Phone: _____

City: _____ Cell: _____

Province: _____ Postal Code: _____ Tax Roll: _____

1. On the map below identify the section of roadway where the dust control application is requested. Mark on any land marks, such as residences, accesses or utilities which will help identify the area to be treated.



Unless otherwise stated the dust control product will be placed equally on either side of the access.

Or apply: _____

2. Cost to applicant is established in the Fee Schedule Bylaw. Heavier applications or lengths longer than 200m will not be considered.
3. Mackenzie County reserves the right to:
 - a) Accept or reject any request, and
 - b) Schedule the application of dust control at their convenience.

Owner Signature: _____ Date: _____

County Staff: _____ Date: _____

For Office Use Only:

Date of Application: _____ Time of Application: _____

Amount Paid: _____ Type of Payment: _____ Receipt Number: _____

Inspected by: _____ Date: _____

Comments/Concerns: _____



Mackenzie County
REQUEST FOR APPROVAL FOR DUST SUPPRESSION
ON COUNTY ROADS

Policy PW009 Schedule "B"

We/I the undersigned are requesting permission to apply dust suppression according to the Alberta Environment Guidelines.

Applicant Name: _____

Address: _____ Phone: _____

City: _____ Cell: _____

Province: _____ Postal Code: _____ Tax Roll: _____

Legal Land Location: _____

Rural Address: _____

We/I the undersigned agree to apply the dust suppression as per the attached Alberta Environment Guidelines.

Signature of Applicant: _____ Date: _____

For Office Use Only:

Request Approved Copy Sent Date: _____

Request Refused Letter Sent Date: _____

Reason: _____

Director: _____ Date: _____



Guidelines for the Application of Used Oil on Road Surfaces

1. The application of used or waste refined oil
 - In the manufacture of pavement
 - On any land for the purpose of road construction, repair or dust suppression is authorized subject to the requirements specified in the preceding document.
2. No person shall mix used or waste refined oil with any material in the manufacture of pavement, or dispose of any used or waste refined oil on any land for the purposes of road construction, repair, or dust suppression, unless the used or waste refined oil meets the specifications identified in table below.
3. A representative sample of the used oil should be collected and tested for the parameters identified in the table below.

Used of Waste Oil Specifications for Dust Suppression (Constituent/Property Allowable Level)

Flash point (closed cup) 61°C minimum

Total arsenic 5.0 mg/L maximum

Total cadmium 3.0 mg/L maximum

Total halogens (as Cl) 1000.0 mg/L maximum

Total chromium 6.5 mg/L maximum

Total lead 50.0 mg/L maximum

Total polychlorinated biphenyls 0.5 mg/l maximum

Total zinc 1000.0 mg/L maximum

4. No person shall apply used or waste refined oil on any land for the purposes of road construction, repair, or dust suppression unless:
 - a) The used or waste refined oil meets the specifications of the preceding document
 - b) The location of proposed application is more than 25 meters from surface water or a domestic water supply source
 - c) The application rate will not result in a visible runoff of oil beyond the travelled portion of the road or other land.
 - d) The owner of the land or the person responsible for the road to which the oil is to be applied has given permission
 - e) Application is limited to two times per calendar year.

Developed in April 1998/Updated in January 2001

Used Oil for Road Surfaces

Used oil can be recycled or used to control dust, but only in accordance with Alberta Environment's Guidelines for the Application of Used Oil to Road Surfaces

These guidelines allow used oil to be applied for dust control under the following conditions:

- The applicator must have permission from the land owner or municipality responsible for the road.
- The oil must meet certain specifications for maximum contents of things like arsenic, cadmium, lead, etc. (These components are listed in the guidelines, but fortunately most waste oil from typical diesel or gasoline engines contains less than these limits, so farmers are not obligated to send their oil in for testing).
- The application of the oil must be more than 25 m from surface water (including sloughs) or a domestic water supply.
- The application rate cannot result in visible runoff of oil beyond the travelled portion of the road.
- Application of oil is limited to two times per year.