

## Mackenzie County REQUEST FOR APPROVAL FOR DUST SUPPRESSION ON COUNTY ROADS

We/I the undersigned are requesting permission to apply dust suppression in the form of:

- Oil, according to the Alberta Environment Guidelines (attached)  
 Calcium Chloride, according to the County Procedure (attached)

Applicant Name: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

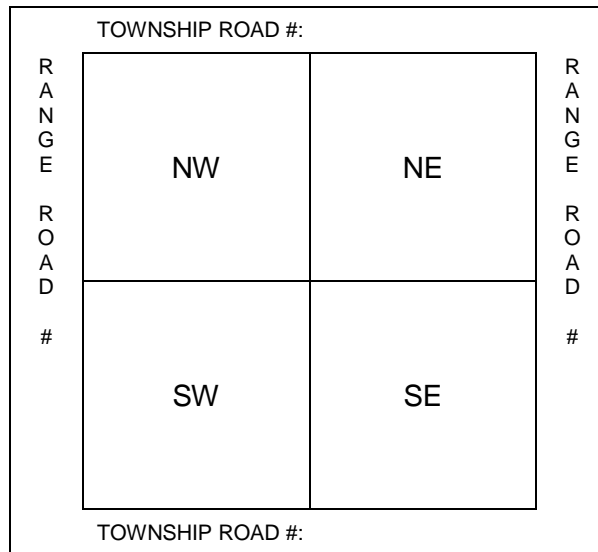
City: \_\_\_\_\_ Cell: \_\_\_\_\_

Province: \_\_\_\_\_ Postal Code: \_\_\_\_\_ Tax Roll: \_\_\_\_\_

Legal Land Location of Application:: \_\_\_\_\_

Rural Address: \_\_\_\_\_

Length of application: \_\_\_\_\_ meters



Please indicate your legal address, location of your home, approaches, township, and range roads, arrows indicating area where dust control is to be applied.

Signature of Applicant: \_\_\_\_\_ Date: \_\_\_\_\_

The personal information on this form is collected in accordance with section 33 of the Freedom of Information and Protection of Privacy (FOIP) Act for the purpose of processing applications for dust control/suppression. If you have any questions regarding the collection, use or disclosure of this information, please contact the FOIP Coordinator at (780) 927-3718.



**For Office Use Only:**

Date of Application: \_\_\_\_\_ Time of Application: \_\_\_\_\_

Amount Paid: \_\_\_\_\_ Type of Payment: \_\_\_\_\_ Receipt Number: \_\_\_\_\_

Request Approved       Contacted      Date: \_\_\_\_\_

Request Refused       Contacted      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.

### **Procedure for the Application of Calcium Chloride**

The purchase of Calcium Chloride outside of the applications for the Dust Control Program **does not** include gravel.

At **all** times Mackenzie County reserves the right to maintain treated sections of roadway as deemed necessary. This **may** include regrading of roads.

#### Steps to Applying Calcium Chloride

1. Windrow top 2" of gravel to side of road
2. Water down stripped area
3. Spread windrow over top of watered area
4. Water area again
5. Apply Calcium Chloride at rate of 2 liters per m<sup>2</sup>

Mackenzie County **does not** guarantee the effectiveness of the dust control product.

# PURCHASED CALCIUM CHLORIDE



**Mackenzie County**

**You must present this form upon receiving your Calcium Chloride.**

**Attach Copy of Invoice**

As per Policy PW009 Dust Control

*"After April 1 annually, ratepayers may purchase dust control product from the municipality, subject to availability, at full cost recovery for self-application. Dust control product fees are based on the fee established by the Fee Schedule Bylaw."*

Scheduled day and hours for the receiving of Calcium Chloride at the Public Works Yard in La Crete:

**WEDNESDAY 10:00AM TO 4:00PM**

NAME: \_\_\_\_\_ PHONE #: \_\_\_\_\_

LITERS OF PRODUCT PURCHASED: \_\_\_\_\_

DATE PURCHASED: \_\_\_\_\_

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**TO BE COMPLETED BY MACKENZIE COUNTY SHOP STAFF**

DATE: \_\_\_\_\_

LITERS OF PRODUCT DISPENSED: \_\_\_\_\_

STAFF NAME: \_\_\_\_\_  
PLEASE PRINT

SIGNATURE: \_\_\_\_\_