

# SMOKY LAKE COUNTY



<b>Title:</b> Dust Control	<b>Policy No.:</b> 39-11
<b>Section:</b> 03	<b>Code:</b> P-R
	<b>Page No.:</b> 1 of 6 <b>E</b>

<b>Legislation Reference:</b>	Municipal Government Act
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<b>Purpose:</b>	To specify guidelines for the provision of dust control suppression applications to areas of municipal roadways adjacent to residences.
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<b>Policy Statement and Guidelines:</b>	
1. STATEMENT:	
1.1	County recognizes that dust from gravel roads may create health, safety or general nuisance concerns for residents and therefore, provides a dust suppression program to mitigate the impact of dust in front of residences.
1.2	The County will implement the use of products for dust suppression which are environmentally safe and cost effective.
1.3	The County reserves the right to maintain or rework the application as required for safety and rideability.
1.4	The dust control suppression program usually commences in late spring and can continue through the summer months.
1.5	The County does not guarantee, in any way, the effectiveness of the dust control treatment agent or application for the purpose intended. Once the suppressant has been applied no refunds will be made.
2. DEFINITIONS:	
2.1	<b>Blade Mix Oil:</b> Mineral substance agent mixed with gravel to be on road surface for dust suppression.
2.2	<b>MG-30 (Magnesium Chloride):</b> A treatment agent for road surface that can be applied for dust suppression.
2.3	<b>Dust Control:</b> Measures to suppress dust on roads in front of residence.
2.4	<b>Exceptional Roads:</b> Active and high usage arterial and feeder gravel roads.
2.5	<b>Haul Roads:</b> Designated roads used regularly for hauling purposes.

**Policy Statement and Guidelines:**

**3. RURAL RESIDENCES:**

**3.1** The County will arrange for dust control on roads in front of a residence with a fee for **Blade Mix Oil - 2 ½ inch thickness for \$2,500.00**; and a fee for **MG-30** of **\$750.00** with two applications of treatment and application.

BLADE MIX OIL			MG-30 (MAGNESIUM CHLORIDE)			
County Cost		2 ½"	County Cost		1 <sup>st</sup> Application	2 <sup>nd</sup> Application
Gravel <sup>1</sup>	128 Tonne of ¾ " at \$20.00	\$2,560.00	30 Tonne of 1 " at \$20.00	\$ 600.00	\$ 0.00	
<b>Total</b>	<b>Material</b>	<b>\$2,560.00</b>	<b>Material</b>	<b>\$ 600.00</b>	<b>\$ 0.00</b>	
Equipment <sup>2</sup>	Tandem Oil Truck: 2.5 hours at \$110.00	\$ 275.00	Water Truck: 2.0 hours at \$110.00 1.0 hour at \$110.00	\$ 220.00	\$ 110.00	
	Graders: Grader 1: 3.0 hours at \$188.00 Grader 2: 2.0 hours at \$188.00	\$ 564.00 \$ 376.00	Grader: 2.5 hours at \$188.00 1.0 hour at \$188.00	\$ 470.00	\$ 188.00	
	Double Drum Packer: 1.5 hours at \$124.00	\$ 186.00	Smooth Drum Packer: 1.5 hours at \$110.00	\$ 165.00		
<b>Total</b>	<b>Equipment</b>	<b>\$ 1,401.00</b>	<b>Equipment</b>	<b>\$ 855.00</b>	<b>\$ 298.00</b>	
Labour <sup>3</sup>	Oil Truck Operator 2.5 hours at \$ 37.60	\$ 94.00	Water Truck Operator 2.0 hours at \$ 37.60 1.0 hour at \$ 37.60	\$ 75.20	\$ 37.60	
	Grader Operator 1: 3.0 hours at \$39.42	\$ 118.26	Grader Operator 1: 2.5 hours at \$39.42 1.0 hour at \$39.42	\$ 98.55	\$ 39.42	
	Grader Operator 2: 2 hours at \$39.42	\$ 78.84	Smooth Drum Packer Operator: 1.5 hours at \$28.54	\$ 42.81		
	Double Drum Packer Operator: 1.5 hours at \$28.54	\$ 42.81				
<b>Total</b>	<b>Labour</b>	<b>\$ 333.91</b>	<b>Labour</b>	<b>\$ 216.56</b>	<b>\$ 77.02</b>	
	<b>Sub-Total</b>	<b>\$ 4,294.91</b>	<b>Sub-Total</b>	<b>\$ 1,671.56</b>	<b>\$ 375.02</b>	
Oil <sup>4</sup>	7040 Litres at \$0.48	\$ 3,379.20	2135 Litres at \$0.23 1600 Litres at \$0.23	\$ 491.05	\$ 368.00	
Project	<b>Oil Dust Control</b> Project: 500 ft application	3 hours	<b>MG-30 Dust Control</b> Project: 500 ft application	2.5 hours	1 hour	
<b>Total</b>	<b>PROJECT COST</b>	<b>\$ 7,674.11</b>	<b>PROJECT COST</b>	<b>\$ 2,162.61</b>	<b>\$ 743.02</b>	
<b>Total</b>	<b>Residence: Fee</b>	<b>\$2,500.00</b>	<b>Residence: Fee</b>	<b>\$ 750.00</b>	<b>\$ 0.00</b>	

<sup>1</sup> Gravel: Cost includes the cost of crushing & dewatering plus the average of the cost of trucking and labour to each division.

<sup>2</sup> Equipment: Cost includes the estimated cost of amortization, insurance, maintenance, and fuel.

<sup>3</sup> Labour: Includes the employee hourly salary plus 23% for payroll costs and benefits.

<sup>4</sup> Oil/MG30: Costs are the estimated purchase cost.

Overhead: Has not been allocated. Overhead is the cost that the count you would incur even if the project did not take place.

Direct Costs: Are the costs that can be cost effectively allocated to the project (gravel, equipment, labour, and oil/MG-30).

Indirect Costs: Cannot be cost effectively allocated to the project, but are impacted by the project (small supplies, supervisor costs, etc.)

**3.2** Request for dust control along with payment should be received by the County on or before April 1<sup>st</sup> of each year. Minimum of two advertisements: one in the Month of February and one in the Month of March of the current year.

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### Policy Statement and Guidelines:

- 3.3 The resident will have their choice of MG-30 or blade mix oil as dust control suppressant.
- 3.4 MG-30 Dust Control suppressant shall consist of two (2) applications. The initial application shall take place in late Spring. Upon inspection during the Month of September, a decision will be made on whether to proceed with the second application at the time or wait until the following Spring season. Conditions of the Dust Control shall dictate the decision made.
- 3.5 Payment must be made in advance when the request for dust treatment is submitted. Requests are to be submitted to the Public Works Department by completing **Schedule "A": Application for Dust Control Suppression.**
- 3.6 The length for the dust control provided under this policy will be minimum of 150 meters (500 feet), and any additional length of dust treatment will be a full cost to the applicant.
- 3.7 The County will be responsible for erecting proper signage, when necessary.
- 3.8 Residents of neighboring municipalities who reside adjacent to a road under the jurisdiction of Smoky Lake County may apply for dust control suppression under this policy, but will require prior approval of Council before installation proceeds.
- 3.9 The County 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.

#### 4. HAMLETS AND MULTI-LOT COUNTRY RESIDENTIAL:

- 4.1 The County hamlets and multi-lot Country residential subdivisions dust control will only be applied to whole street lengths or cul-de-sac streets, on provision that application is made on behalf of all adjacent residences, and the amount paid shall be the standard fee for each resident.

#### 5. WARRANTY:

- 5.1 The County does not guarantee or warrant any life expectancy of the dust control **MG-30 or Blade Mix Oil** suppressant applications.

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<b>Policy Statement and Guidelines:</b>	
5.1.1	The treated roadway can be reverted back to gravel when it is deemed necessary by the County, which would allow for grading of the road to eliminate pot holes, and that will not obligate the County to re-apply Blade Mix Oil or MG-30 to the road.
<b>6. PRIVATE RESIDENTIAL DRIVEWAYS:</b>	
6.1	The County shall apply dust control at their own cost provided there is funding in the budget to the following areas:
6.1.1	County designated gravel haul routes.
6.1.2	County exceptional roads that have a permanent, active, high volume of traffic, as per <i>Policy Reference – Policy 03-15: Road Policy</i> .
6.1.3	Any other location deemed necessary by County Council by Council resolution.
6.2	In areas where occasional or intermittent gravel hauls may cause dust problems, the Public Works Manager shall arrange for a water truck to provide temporary dust suppression as deemed appropriate.
6.3	This policy is not applicable where oiling or other dust suppressant is required as a condition of a subdivision development agreement.
6.4	In the case where municipal roadways are being used to haul commodities such as logs, sand and gravel, etc., the trucking firm or contractor shall be responsible for providing dust control for the duration of the haul as per <i>Policy Reference – Policy 03-14: Haul Road Agreement</i> .

	<b>Date</b>	<b>Resolution Number</b>
<b>Approved</b>	<b>January 21, 1993</b>	# 142 - Page # 5518
<b>Amended</b>	<b>January 28, 1993</b>	# 166 - Page # 5524
<b>Amended</b>	<b>February 14, 1994</b>	# 216 - Page # 5646
<b>Amended</b>	<b>March 6, 1997</b>	# 303 - Page # 6182
<b>Amended</b>	<b>August 26, 1999</b>	# 571 - Page # 6690
<b>Amended</b>	<b>May 25, 2000</b>	# 461 - Page # 6866
<b>Amended</b>	<b>January 10, 2008</b>	# 166-08 - Page # 8567
<b>Amended</b>	<b>November 16, 2012</b>	# 124-12 - Page # 10309
<b>Amended</b>	<b>February 21, 2013</b>	# 404-13 - Page # 10472
<b>Amended</b>	<b>January 29, 2015</b>	# 311-15 - Page # 11577
<b>Amended</b>	<b>April 28, 2016</b>	# 577-16 - Page # 12214



Schedule "A"

APPLICATION FOR DUST CONTROL SUPPRESSION

THIS AGREEMENT made this \_\_\_\_\_ day of \_\_\_\_\_, A.D., 20\_\_.

BETWEEN:

SMOKY LAKE COUNTY
(hereinafter called "the Municipality")

OF THE FIRST PART

Name

Mailing Address

Phone Numbers: Residence Work Cellular
(hereinafter called "the Landowner")

OF THE SECOND PART

Legal Land Description: Quarter Section Township Range W4
Legal Address: Sub-division Name:

WHEREAS the Landowner hereby make application for a Dust Control Agent of the following:

- Blade Mix Oil Dust Control Suppressant: \$ 2,500.00
MG-30 Dust Control Suppressant \$ 750.00
Length: 150 meters (500 feet) Additional Length:

to be applied by the Smoky Lake County Public Works Department to the municipal roadway adjacent to the landowner residence as indicated above and as described on the plan herein.

The Applicant hereby agrees to the following terms and conditions:

- 1. Dust Control Suppressant to be applied to the identified road upon completion of the application for by the applicant and pre-payment of the calculated fee. Scheduling of the work shall be subject to regular dust control treatment program priorities and in combination with other requests due to cost effectiveness.
2. The applicant shall pay full cost of additional length over the 150 meters (500 feet) in its entirety.
3. Smoky Lake County does not warrant the effectiveness of the dust control agent. Once the agent has been applied, no refunds of the application fee will be made.
3.1 The County does not guarantee or warrant any life expectancy of the dust control Blade Mix Oil or MG-30 treatment application.
3.1.1 The treated roadway can be reverted back to gravel when it is deemed necessary by the County, which would allow for grading of the road to eliminate pot holes, and that will not obligate the County to re-apply blade mix oil or MG-30 to the road.

4. The dust control treatment program usually commences in late spring and can continue through the summer months.
5. The "Landowner", covenant and agree with the said municipality, for myself, my heir, executors, administrators and assigns that I shall not have any claim for loss or damage caused by reason of the performance work of the said application of dust control suppression program adjacent to my property, whether such loss or damage is the result of the negligence of any servant, agent, or employee of the said municipality, or otherwise.
6. Please show exact location of dust control placement:


7. Calculation of Total Fee:


BLADE MIX OIL			MG-30		
County Cost		2 1/2"	County Cost		
Total	PROJECT COST	\$ 7,674.11	PROJECT COST	1 <sup>st</sup> Application	2 <sup>nd</sup> Application
Total	Residence: Fee	\$2,500.00	Residence: Fee	\$ 750.00	\$ 0.00

Cost of first 150 meters (500 feet) = \_\_\_\_\_  
 Add: Additional length = \_\_\_\_\_  
**Total Fee Required = \$ \_\_\_\_\_**

8. Applicants who wish to be considered for the dust control suppression program must apply each year no later than April 1.

IN WITNESS WHEREOF has hereunto acknowledge and accept the terms and conditions on the day and year first above written.

SIGNED \_\_\_\_\_  
 Applicant

SMOKY LAKE COUNTY   
 \_\_\_\_\_  
 Per: