

RM of Edenwold No. 158

Dust Control Policy



Policy Name:	Dust Control Policy	Policy Number:	P-PW-TS-001
Issuing Department:	Engineering & Public Works	Contact:	Clark Gates
Effective Date:	February 10, 2026	Last Revision Date:	



Dust Control Policy

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1. Purpose

The purpose of this policy is to establish a consistent and transparent approach to managing dust on municipal roads within the Rural Municipality of Edenwold No. 158 (RM). Dust generated from gravel roads can negatively impact air quality, visibility, public health, and the overall quality of life for residents. It can also contribute to road surface deterioration and increased maintenance costs.

This policy aims to:

- a. Reduce airborne dust to improve safety and comfort for road users and adjacent property owners.
- b. Provide guidelines for the application of dust control products.
- c. Clarify the responsibilities of the municipality and residents regarding dust control.
- d. Ensure equitable access to dust control services across the municipality.
- e. Supports the outcome of Complete Municipality as per the RM's Strategic Plan.

2. Authority

This policy is established under the authority granted to the Council of the RM by *The Municipalities Act*. Council has the authority to enact policies for the maintenance and operation of municipal infrastructure, including roads, and to make decisions in the best interest of residents regarding public safety, health, and environmental concerns.

3. Scope

This policy applies to all gravel roads maintained by the Rural Municipality and outlines the responsibilities of both the municipality and residents regarding dust control measures. It is intended to guide the application of dust control products and services across the municipality to ensure consistent and equitable treatment.

4. Definitions

- a. **Dust Suppressant:** A chemical or natural product applied to gravel roads to reduce airborne dust. The primary suppressant used by the Municipality is Magnesium Chloride.
- b. **Residential Dust Control:** Dust suppressant applied to the roadway adjacent to a residence, upon written request from the landowner.
- c. **High Volume Road:** Roads classified by the Municipality as having high daily vehicle counts, typically grid roads. These are eligible for a 50/50 cost-share between the landowner and the Municipality.
- d. **Medium Volume Road:** Roads with moderate traffic volumes, such as collector or feeder roads. These are eligible for a 65/35 cost-share (landowner/municipality).



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- e. **Low Volume Road:** Roads with low traffic volumes, typically local access roads. These are eligible for a 75/25 cost-share (landowner/municipality).
- f. **Over-Dimensional Route:** Provincially designated roads used for transporting oversized loads, including Grid 734, Twp Rd 170 (Old 16), and Range Rd 2190. These routes have a unique cost-share arrangement involving the Ministry of Highways.
- g. **Cost-Share:** The percentage split of the dust suppressant product cost between the landowner and the Municipality, based on road classification.
- h. **Product Cost** refers to the price of dust suppressant material as quoted by the approved vendor for the current application season. The Product Cost is based solely on the vendor's supply rate and does not include any municipal labour or equipment charges. Each year, Council approves the selected vendor's quote by resolution, and this approved amount forms the basis for all cost-share calculations and invoices issued to participating landowners.
- i. **Second Application:** A subsequent dust control application requested after the initial treatment. These are invoiced at 100% to the landowner unless otherwise approved by Council.
- j. **Beta Site:** A location where alternative dust suppressant products (e.g., recycled shingles, canola oil) have been tested for performance and environmental impact.
- k. **Traffic Volume Road Classification Map:** A map maintained by the Municipality that categorizes roads by traffic volume to determine cost-share eligibility.

5. Roles and Responsibilities

- a. Roles of municipality via Council:
 - i. Approves the Dust Control Policy and any amendments.
 - ii. Reviews and determines annual budget allocations for dust control.
 - iii. Approves quote from vendors.
 - iv. Makes decisions regarding second applications and special cases.
- b. Roles of the municipality via Administration
 - i. Receives and processes written requests from landowners by the April 30th deadline.
 - ii. Maintains records of applications and cost-share arrangements.
 - iii. Coordinates with contractors for product application.
 - iv. Issues invoices to landowners based on approved cost-share rates.
- c. Roles of the municipality via Public Works
 - i. Classifies municipal roads based on vehicle counts and maintains the Traffic Volume Classification Road Map.
 - ii. Oversees the application of dust control products in accordance with the policy.



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- iii. Monitors road conditions and reports to Council on effectiveness and additional needs.
- d. Roles of Landowners
 - i. Submit written requests for dust control by April 30th each year.
 - ii. Pay the invoiced portion of the dust control product cost as per the applicable cost-share rate.
 - iii. Responsible for 100% of the cost for any additional applications or product applied beyond the 200-metre cap.

6. Policies and Conditions

- a. Dust control suppressant will be applied adjacent to a residence upon written request from the landowner.
- b. Requests must be submitted to the Administration Office no later than April 30th annually.
- c. Roads are classified by vehicle counts into High, Medium, and Low Volume categories, as shown on the attached map.
- d. Cost-Share Structure for First Application:
 - i. High Volume Roads (Grid Roads): 50% Landowner / 50% Municipality
 - ii. Medium Volume Roads (Collector/Feeder Roads): 65% Landowner / 35% Municipality
 - iii. Low Volume Roads (Local Access Roads): 75% Landowner / 25% Municipality
 - iv. Twp Road 180 (South Subdivision): 25% Landowner / 75% Municipality
 - v. Over-Dimensional Route (Grid 734, Twp Rd 170, Range Rd 2190): 50% Municipality / 30% Ministry of Highways / 20% Landowner
 - 1. Second application (if approved by Council): 70% Landowner / 30% Ministry of Highways
- e. Maximum length of dust control eligible for cost-share is 200 metres per residence.
- f. No custom work fees will be charged.
- g. Any product applied beyond 200 metres will be invoiced 100% to the landowner.
- h. Additional applications requested by landowners will be invoiced at 100% of product cost.
 - i. Commercial locations and haul road maintenance agreement locations will be invoiced at 100% of product cost.

Road Maintenance and Grading

- i. The RM of Edenwold reserves the right to grade any dust control site if the condition of the road has deteriorated and remediation is required for safety or operational reasons.
- j. Grading may result in partial or full disruption of the dust suppressant application.
- k. In such cases, no reimbursement will be provided to the landowner for the cost of the dust control product, as maintaining safe and passable roads is a priority.



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7. Dust Suppressant Materials

- a. The Rural Municipality currently utilizes **Magnesium Chloride** as the primary dust suppressant for residential and municipal road applications due to its effectiveness in controlling dust and stabilizing gravel surfaces.
- b. In addition to Magnesium Chloride, the Municipality has conducted **pilot projects** using alternative dust suppressant materials, including:
 - i. **Recycled asphalt shingles**
 - ii. **Canola oil-based products**
- c. These beta sites were established to evaluate the performance, environmental impact, and cost-effectiveness of alternative dust control methods. Future use of these or other products may be considered based on Council review and the outcomes of pilot testing.

8. Procedures

- a. **Submission of Requests**
 - i. Landowners must submit a written request for dust control to the Administration Office no later than April 30th of each year.
 - ii. Requests must clearly identify the location and length of dust control desired. Vague entries such as “same as last year” will not be accepted.
 - iii. The RM of Edenwold reserves the right to reject any application that is incomplete, unclear, or improperly filled out. Accurate information is required to ensure proper site preparation and product application.
- b. **Collection and Review**
 - i. Administration collects all submitted requests and compiles a list for review by the Public Works Department.
 - ii. Public Works verifies the requested locations and ensures they align with the Traffic Volume Classification Road Map and policy guidelines.
- c. **Vendor Quotation**
 - i. Public Works obtains quotes from approved dust control product vendors for the upcoming season.
 - ii. Quotes are reviewed for cost-effectiveness and compliance with municipal standards.
- d. **Site Preparation**
 - i. Public Works prepares the approved sites for dust suppressant application, including grading and any necessary surface treatments.
- e. **Application of Dust Suppressant**
 - i. The selected vendor applies the dust suppressant (currently Magnesium Chloride) to the prepared sites.
 - ii. Application is monitored by Public Works to ensure quality and coverage.



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- iii. Application timelines are weather-dependent. The RM of Edenwold and its contractors will make every effort to apply dust suppressant in a timely manner; however, delays may occur due to unsuitable weather conditions such as rain, high winds, or extreme temperatures. These delays are necessary to ensure product effectiveness and road safety.

- f. **Invoicing**

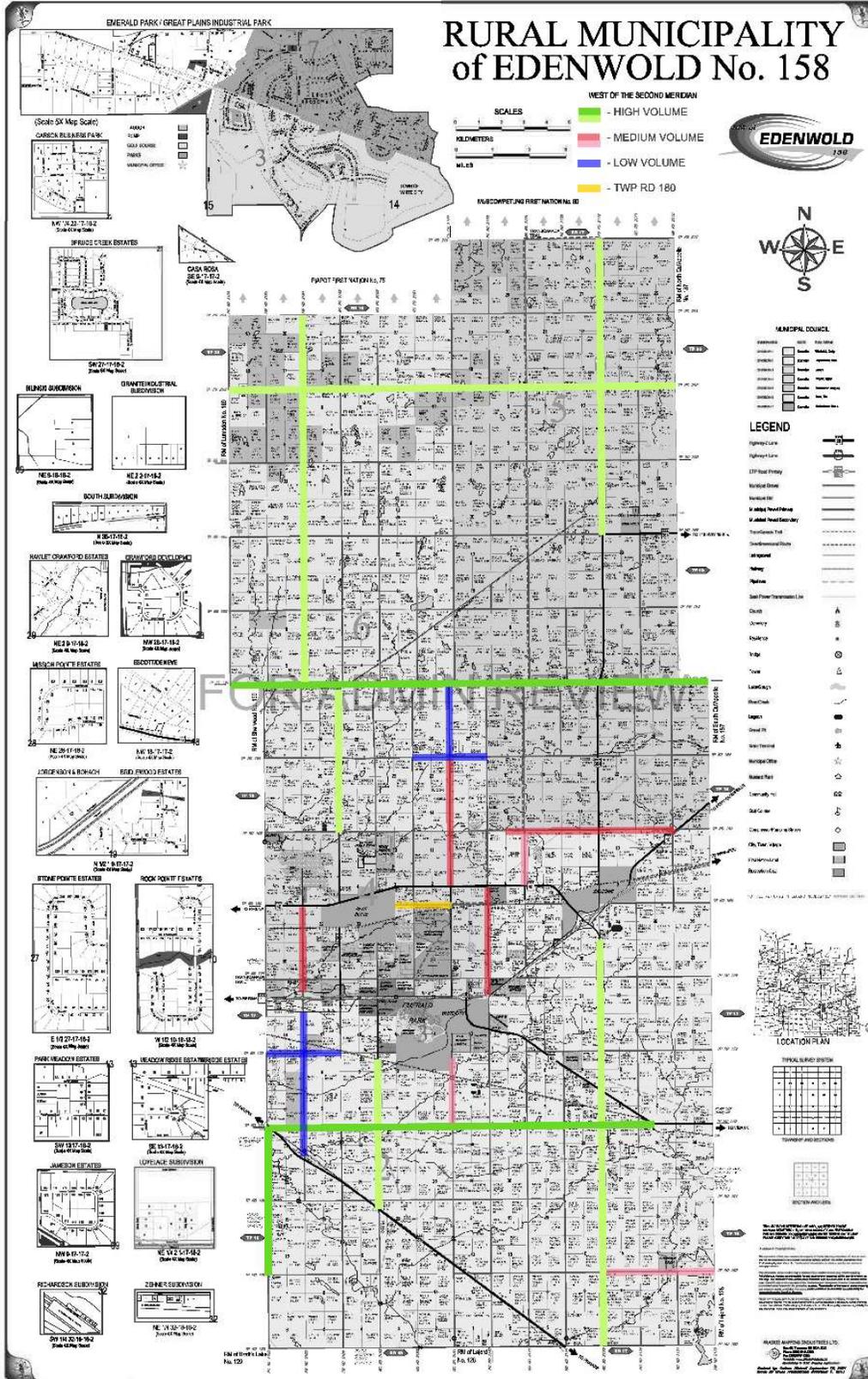
- i. Once application is complete, Administration issues invoices to landowners based on the applicable cost-share rates outlined in the policy.
- ii. Invoices reflect only the product cost, as no custom work fees are charged.

9. Appendixes and Further Resources

- a. Traffic Volume Road Classification Map
- b. Dust Control Program Application Form

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Appendix A: Traffic Volume Classification Road Map





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Appendix B: Dust Control Application Form



PW-06v.4
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DUST CONTROL PROGRAM

****DEADLINE TO SUBMIT TO THE MUNICIPAL OFFICE: APRIL 30TH OF CURRENT YEAR**

Applicant Name:			Date:		
Email:		Phone #:			
Civic/Mailing Address:					
Legal Land Description:		Lot:	Blk/Par:	Plan No.:	Ext.:
OR:	¼ Sec:	Sec:	Twp:	Rge:	W2

Legal Description of Residence where product is to be applied:	
Road Name in front of Residence: (i.e. Range Road or Township Road)	
Application requirements:	200 metres OTHER:
Comments/Notes:	

***Please read carefully...**

I acknowledge that the RM of Edenwold will not perform road maintenance on the dust control application area while it remains in an acceptable and safe driving condition. I understand that the RM reserves the right to grade the treated area if road conditions deteriorate and remediation is required for public safety. In such cases, I accept that no reimbursement will be provided for the cost of the dust control product.

APPLICANT SIGNATURE	DATE
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Dust Control Policy Summary

The RM of Edenwold offers a dust control program for residential properties along municipal roads. The following summarizes the key conditions:

- Written requests from landowners are required and must be submitted to the Administration Office no later than April 30th each year.
- Dust suppressant will be applied adjacent to a residence upon request.
- Road classification determines the cost-share split between the landowner and the RM:
 - High Volume Roads (Grid Roads): 50% Landowner / 50% RM
 - Medium Volume Roads (Collector/Feeder Roads): 65% Landowner / 35% RM
 - Low Volume Roads (Local Access Roads): 75% Landowner / 25% RM
 - Twp Road 180 (South Subdivision): 25% Landowner / 75% RM
 - Over-Dimensional Route (Grid 734, Twp Rd 170, Range Rd 2190): 50% RM / 30% Ministry of Highways / 20% Landowner
 - Second applications (if approved by Council): 70% Landowner / 30% Ministry of Highways

continued....

OFFICE USE ONLY

(Form Received On)	(Form Received by)
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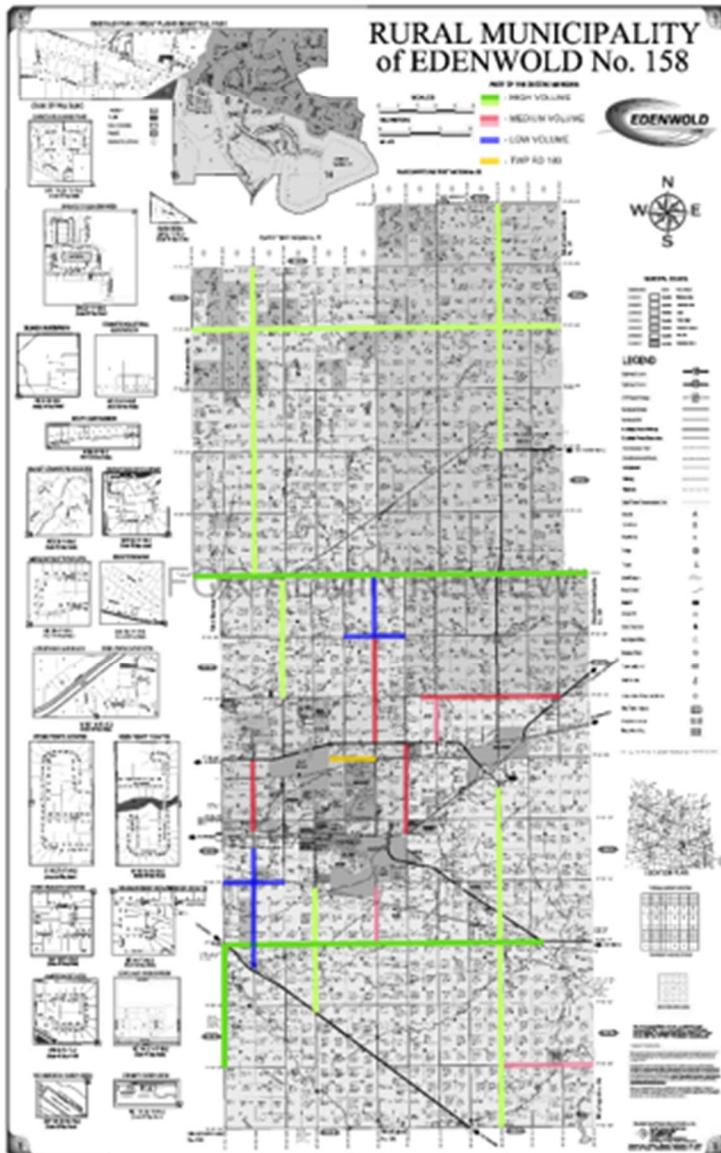
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Dust Control Policy Summary continued...

- Maximum length eligible for cost-share is 200 metres per residence.
- Additional applications or product beyond 200 metres will be invoiced 100% to the landowner.
- Commercial and haul road agreement locations are invoiced at 100% of product cost.
- No custom work fees are charged.
- Magnesium Chloride is the primary dust suppressant used.
- The RM reserves the right to grade treated areas if road conditions deteriorate. No reimbursement will be provided if grading disrupts the dust control application.



To view a larger version of the Traffic Volume Designated Roads Map, please visit our website at <https://rmedenwold.ca/p/roads>



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10. References

Government of Saskatchewan. (2020). The Municipalities Act. In *Government of Saskatchewan Publication Centre* (M-36.1). Office of the King's Printer. Retrieved October 23, 2025, from <https://publications.saskatchewan.ca/#/products/31364>