

Request for Decision

Title	2025 Subsidized Dust Suppression Program
Proposed Motion	<ol style="list-style-type: none"> 1. That Council approve the 2025 fully subsidized dust suppression treatments in front of residences as identified in Attachment 1. 2. That Council approve a subsidy of \$205 per residence for dust suppression treatments as identified in Attachment 2. 3. That Council approve the locations identified in Attachment 3 for fully subsidized dust suppression treatments in 2025, at an additional cost of \$33,040 to be absorbed within the 2025 year base budget.
Administrative Recommendation	Administration recommends that Council approve locations identified for subsidized mineral oil dust suppression treatment.
Previous Council / Committee Direction	<p><u>March 26, 2024 Regular Council Meeting</u> Motion 085/24: That Council approve the 2024 fully subsidized dust suppression treatments in front of residences as identified in Attachment 1.</p> <p>Motion 086/24: That Council approve a subsidy of \$205 per residence for dust suppression treatments as identified in Attachment 2.</p> <p>Motion 087/24: That Council approve the locations identified in Attachment 3 for fully subsidized dust suppression treatments in 2024, at an additional cost of \$17,700 to be funded from the General Operating Reserve.</p> <p><u>April 11, 2023 Regular Council Meeting</u> Motion 128/23: That Council approve the 2023 fully subsidized dust suppression treatments in front of residences as identified in Attachment 1.</p> <p>Motion 129/23: That Council approve a subsidy of \$205 per residence for dust suppression treatments as identified in Attachment 2.</p> <p>Motion 130/23: That Council approve the locations identified in Attachment 3 as amended for fully subsidized dust suppression treatments in 2023, at an additional cost of \$20,060 to be funded from the General Operating Reserve.</p> <p><u>May 3, 2022 Regular Council Meeting</u> Motion 180/22: That Council approve the 2022 fully subsidized dust suppression treatments in front of residences as identified in Attachment 1.</p>

Motion 181/22: That Council approve a subsidy of \$205 per residence for dust suppression treatments as identified in Attachment 2.

Motion 182/22: That Council approve the locations identified in Attachment 3 for fully subsidized dust suppression treatments in 2022, at an additional cost of \$42,185, to be funded from the General Operating Reserve.

April 27, 2021 Regular Council Meeting

Motion 260/21: That Council approve the addition of locations identified in Attachment 1 for fully subsidized dust suppression treatment in front of residences in 2021, and for the additional cost of \$70,800 to be funded from the General Operating Reserve.

Motion 261/21: That Council approve an additional subsidy of \$205 per residence for dust suppression treatment as identified in Attachment 2, and for the additional cost of \$27,768 to be funded from the General Operating Reserve.

April 13, 2021 Regular Council Meeting

Motion 218/21: That Council approve fully subsidized dust suppression treatment in front of residences in 2021 as identified in Attachment 1.

Report

Background Information

- Sturgeon County's Dust Suppression Policy specifies that responsible party(ies) will be required to provide dust control to accommodate residents that are located along a designated haul route.
- The County has accepted responsibility as the responsible party in previous years for the following locations identified in Attachment 1:
 - Range Road 280 from Hwy 633 north to dead end
 - Range Road 10 from Hwy 37 to Pinesands
 - Township Road 544 from Range Road 253 (St. Albert boundary) to paved portion
 - Range Road 251 from Cardiff Pittsburgh north to Roseridge Landfill
 - Range Road 251 from Township Road 552 south to Highway 37
 - Sturgeon Valley routes to the Summerbrook Truck Fill and for residential construction access routes due to road bans
 - Gibbonslea/Lost Point Lake Access Road
 - Heartland Traffic Mitigation
 - Routes to the previous Heartland Traffic Mitigation routes
 - Range Road 261 from Highway 37 south past Northern Lights to St. Albert boundary

- Range Road 260 from Highway 37 south past ProNorth Industrial Park to St. Albert boundary
- Range Road 255 from Highway 642 north to Township Road 564 past Westmor Terminal and G3 entrances (four miles)
- Range Road 255 from Highway 642 south to Township Road 554 (two miles)
- Range Road 231 from Highway 643 south to Range Road 552 (six miles)
- Legal Alfalfa Road (Range Road 252A)
- Routes near Sturgeon Industrial Park (SIP) and Lamoureux connection to Highway 37 to accommodate Alberta Transportation capital project improvements/congestion
- Range Road 232 from Township Road 572 north to Highway 651
- Range Road 234 from Highway 37 north to Township Road 560.
- Township Road 580 from Highway 2 west to Range Road 254
- Range Road 262 from bridge north of Fairhaven Subdivision for 250 meters
- Waterdale Subdivision
- Range Road 220 from Juniper Hills north to Redwater
- Range Road 225 from Township Road 554 to the major Equine Center
- Township Road 572 from Highway 28 east to Austin Acres
- Township Road 545 from Range Rd 275 west to Range Rd 280
- Township Road 582 from Lily Lake Road east to end of subdivision (Clearview Acres and Braun Village)
- Range Road 230 from Vista Road south to creek (360 metres)
- Township Road 554 from Range Road 234 west to Range Road 240
- Township Road 542 from Range Road 250 west to Range Road 251
- Twp Rd 562 from Hwy 803 east for 280 metres
- Township Road 540 between Highway 44 and Range Road 262
- Range Road 230 between Township Road 555A and Township Road 554 – 100m at residence south of creek
- Township Road 570 - 300 meters west from Highway 44
- Range Road 243 – 300m south from Hwy 37

	<ul style="list-style-type: none"> • In prior years, Council has authorized an additional subsidy of \$205 per residence for the following locations, identified in Attachment 2; <ul style="list-style-type: none"> ○ Gravel section of Highway 651 ○ Range Road 240 north of Bon Accord to Township Road 564 ○ Range Road 252 from Highway 651 to Township Road 580 past Leomar • The following locations are being proposed to be added to the list of sites that Sturgeon County has accepted responsibility as the responsible party for dust suppression: <ul style="list-style-type: none"> ○ Range Road 250 from Highway 37 to Township Road 554 (Cardiff Road) ○ Range Road 261 from Highway 37 to Township Road 552 • As part of the County's commitment to continuous improvement of service delivery, this allocation will support the use of a mineral oil-based dust suppression product, applied in combination with recycled asphalt millings. This approach will be implemented at locations where the County holds responsibility. • This change marks a strategic shift away from the traditional use of calcium chloride, which has been a source of concern among residents due to its associated impact on vehicles. By reducing the number of calcium-treated sites, the County aims to improve the experience of residents who travel these roads.
Implication of Administrative Recommendation	<p>Thriving Communities – By providing this service, the County re-affirms its commitment to safe, welcoming, and diverse communities; small community feel and personal connection; commitment to high quality of life for those impacted.</p> <p><u>Organizational:</u> The additional sites will require additional time to complete. It is expected that the dust suppression program will be completed in June.</p> <p><u>Financial:</u> In accordance with Council Motion 418/23, approved at the November 22, 2023 Council Budget Meeting, an ongoing annual allocation of \$250,000 has been established to support maintenance improvements across the County's road network. This allocation will support the use of a mineral oil-based dust suppression product, applied in combination with recycled asphalt millings.</p>
Alternatives Considered	Council could add or remove roads from the proposed list of fully subsidized roads for dust suppression.
Implications of Alternatives	<p><u>Organizational:</u> Additional roads would take longer to schedule in the field; however, Administration has the capacity to deliver the program with minor changes.</p> <p><u>Financial:</u> The funding impact would be dependent on Council's direction.</p>

Follow up Action	1. Provide fully subsidized dust suppression treatment at the sites approved by Council (Transportation and Engineering Services, Q2 2025).
Attachment(s)	<ol style="list-style-type: none"> 1. Attachment 1: Proposed 2025 Fully Subsidized Dust Suppression Treatment Locations 2. Attachment 2: Proposed Location for \$205 Dust Suppression Subsidy 3. Attachment 3: Proposed Additions to the 2025 Subsidized Dust Suppression Program 4. Attachment 4: Dust Suppression Policy 5. Attachment 5: Map - 2025 Subsidized Dust Suppression Program 6. Attachment 6: Map - \$205 Dust Suppression Subsidy 7. Attachment 7: Map - Proposed Additions to 2025 Subsidized Dust Suppression Program
Report Reviewed by:	<p>Max Adu-Safo, Director, Transportation & Engineering Services</p> <p>Sabrina Duquette, Manager, Corporate Finance & Treasury</p> <p>Gord Cebryk, General Manager, Infrastructure Services</p> <p>Travis Peter, Chief Administrative Officer</p>

Strategic Alignment Checklist

Vision: *Offering a rich tapestry of historical, cultural, and natural experiences, Sturgeon County is a municipality that honours its rural roots and cultivates desirable communities. Uniquely situated to provide world-class agricultural, energy, and business investment opportunities, the County prioritizes responsible stewardship and dreaming big.*

Guiding Principles: Collaboration | Accountability | Flexibility | Excellence | Safety | Future Readiness | Affordability | Innovation

Community Outcome	Not consistent	Consistent	N/A
Planned Growth			
<ul style="list-style-type: none"> Internationally competitive to attract, grow and sustain diverse businesses; tenacious focus on new growth and innovation 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Modern broadband and digital capabilities 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Low cost, minimal red-tape regulations 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Reliable and effective infrastructure planning; comprehensive land use and infrastructure planning 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Thriving Communities			
<ul style="list-style-type: none"> Beautiful, surprising places with high standards; integrated natural spaces & trail systems; healthy and resilient 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Engaging cultural, historical, and civic amenities; strong community identity and pride 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Safe, welcoming, and diverse communities; small community feel and personal connection; commitment to high quality of life 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Environmental Stewardship			
<ul style="list-style-type: none"> Clean air, land, and water; Carbon neutral municipal practices; circular economy opportunities 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Conservation of natural areas and agricultural lands; enhanced greening and biodiversity; safekeeping ecosystems 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Sustainable development; partnerships with industry and others to drive emission reductions 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Collaborative Governance			
<ul style="list-style-type: none"> Predictable and stable external relationships; volunteer partnerships 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Meaningful connections with Indigenous communities 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Ongoing community consultation and engagement; transparent and action-oriented decision making based on sound rationale 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Respectful and informed debate; clear and supportive governance processes 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Operational Excellence			
<ul style="list-style-type: none"> Engaged and effective people – Council, Admin and Volunteers; continuous learning and improvement mindset; nimble and bold, with strong leadership 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Quality cost-effective service delivery; robust procurement and operational practices and policies; asset management and performance measurement; careful debt and reserve stewardship; long-term financial planning and sustainability 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> Future focused thinking to proactively respond to emerging opportunities and challenges 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Alternative revenue generation and service delivery models integrated strategic and business planning 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>