



Request for Decision

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| Title | 2022 Subsidized Dust Suppression Program |
| Proposed Motion | <ol style="list-style-type: none">1. That Council approve the 2022 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 2022, at an additional cost of \$42,185.00, to be funded from the General Operating Reserve. |
| Administrative Recommendation | Administration recommends that Council approve locations identified for subsidized calcium chloride dust suppression treatment. |
| Previous Council / Committee Direction | <p><u>April 27, 2021 Regular Council Meeting</u> 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.</p> <p>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.</p> <p><u>April 13, 2021 Regular Council Meeting</u> Motion 218/21: That Council approve fully subsidized dust suppression treatment in front of residences in 2021 as identified in Attachment 1.</p> <p><u>April 28, 2020 Regular Council Meeting</u> Motion 205/20: That Council approve fully subsidized dust suppression treatment in front of residences in 2020 as identified in Attachment 1.</p> <p><u>April 9, 2019 Regular Council Meeting</u> Motion 105/19: That Council approve fully subsidized calcium chloride dust suppression treatment in front of residences in 2019 as identified in Attachment 1.</p> |

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:
 - Township Road 544 from Highway 2 to Coal Mine Road;
 - Range Road 251 south route to Roseridge Landfill;
 - 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;
 - Range Road 261 north-south to Northern Lights;
 - Range Road 255 (4 miles Township Road 564 north of Westmor Terminal's entrance);
 - Range Road 231 (6 miles between Highway 643 to Range Road 552);
 - Legal Alfalfa Road (Range Road 252A);
 - Range Road 260 north to Highway 37 due to ProNorth Industrial Park road bans;
 - Range Road 260 south of ProNorth Industrial Park;
 - Routes near Sturgeon Industrial Park (SIP) and Lamoureux connection to Highway 37 to accommodate Alberta Transportation capital project improvements/congestion;
 - Routes to the previous Heartland Traffic Mitigation routes;
 - Range Road 232 from Township Road 572 to Highway 651;
 - Range Road 234 from Highway 37 North to Township Road 560;
 - Range Road 255 south of Highway 642 for a 2-mile stretch;
 - Township Road 580 West of Highway 2;
 - Range Road 262 from bridge north of Fairhaven Subdivision for 250 metres;
 - Waterdale Subdivision;
 - Juniper Hills Subdivision;
 - Range Road 220 from Township Road 570 north to Redwater;
 - Range Road 225 from Township Road 554 to the major Equine Center; and

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| | <ul style="list-style-type: none"> ○ Township Road 572 from Highway 28 to Austin Acres. • In prior years, Council has authorized a 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; and ○ Range Road 252 north of Highway 651 to 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"> ○ Township Road 545 between Range Roads 275 and 280; ○ Township Road 582 east of Lily Lake Road to end of subdivision (Clearview Acres and Braun Village); ○ Range Road 230, 360 meters south of Vista Road to creek; ○ Township Road 554 from Range Road 234 and Range Road 240; and ○ Township Road 542 from Range Road 250 and Range Road 251. |
| <p>Implication of Administrative Recommendation</p> | <p><u>Strategic Alignment:</u> 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 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> Funding for the proposed subsidized sites is to be drawn from the General Operating Reserve.</p> |
| <p>Alternatives Considered</p> | <p>Council could add or remove roads from the proposed list of fully subsidized roads for dust suppression.</p> |
| <p>Implications of Alternatives</p> | <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> |
| <p>Follow up Action</p> | <p>Provide fully subsidized dust suppression treatment at the sites approved by Council (Transportation and Engineering Services, Q2 2022).</p> |

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| Attachment(s) | <ol style="list-style-type: none">1. Attachment 1: Proposed 2022 Fully Subsidized Dust Suppression Treatment Locations2. Attachment 2: Proposed Location for \$205 Dust Suppression Subsidy3. Attachment 3: Proposed Additions to the 2022 Subsidized Dust Suppression Program4. Attachment 4: Dust Suppression Policy5. Attachment 5: Maps - 2022 Subsidized Dust Suppression Program6. Attachment 6: Maps - \$205 Dust Suppression Subsidy7. Attachment 7: Maps - Proposed Additions to 2022 Subsidized Dust Suppression Program |
| Report Reviewed by: | Gary Mayhew, Director, Transportation & Engineering Services Scott MacDougall, Chief Operating Officer – COO Reegan McCullough, County Commissioner – CAO |

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 |
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| 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"/> |