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**The Corporation of the County of Northumberland
Vegetation Management Advisory Committee
Agenda**

Tuesday April 20, 2021, 10:00am
Virtual Meeting – Zoom Conference

Join Zoom Meeting

<https://us02web.zoom.us/j/87163725821?pwd=NXZzcTdsbW5UQmpWT1NzTmZFK3g5QT09>

Meeting ID: 871 6372 5821

Passcode: 026869

Phone: 855 703 8985 Canada Toll-free

1. Call to Order

- a. Territorial Land Acknowledgement

2. Approval of the Agenda

Recommended Motion:

"That the agenda for the April 20, 2021 Vegetation Management Advisory Committee be approved."

3. Disclosures of Interest

- a. The Vegetation Management Advisory Committee Terms of Reference (November 2020) is being revised to formally remove the Ministry of Environment Conservation and Parks and the Haliburton Kawartha Pine Ridge District Health Unit from the list of Committee Members identifying voting members of the committee. MECP & HKPR will continue to participate in a resource/information capacity only.

4. Delegations

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- a. (Pending) – Pesticide Regulation and Safety Presentation – Ministry of Environment Conservation and Parks (MECP)
 - b. (Pending) – Constitutional Right to a Healthy Environment – Blue Dot Movement
5. Adoption of Minutes
6. Business Arising from the Minutes
 - a. County's Sprayer Recommendations (pressure, gal/min, droplet size and spray method) and Glyphosate concentration information
 - b. Products and best practices from other Municipalities in Eastern Ontario
 - c. Conservation (GRCA/LTC) Consultation
 - d. Review of Table of Options and Criteria, financial information
 - e. Review of Guiderail Inventory and Sensitive areas Maps
7. Communications
8. Staff Reports with Recommendations
9. Staff Reports for Information
10. Other Matters Considered by Committee
11. Question from the Public
12. Motion to Move into Closed Session
13. Rise and Report from Closed Session
14. Next Meeting – Monday June 7, 2021, 2:00pm
15. Adjournment

	Option 1 - Do Nothing	Option 2	Option 3	Option 4a	Option 4b
Description	Do not implement a proactive vegetation management program and remove vegetation at guiderails on a complaint basis only	Glyphosate - spray once a year in early Spring around guiderails (Assume 96 km)	Finalson - spray twice a year in early spring and mid-summer around guiderails (Assume 96 km)	Mechanical Mower - Lease the Herder mower and arm attachment for use on County owned tractor - cut twice a year	Mechanical Mower - Purchase the Herder mower and arm attachment for use on County owned tractor - cut twice a year
Natural Environment Impacts	2	5	5	3	3
Environmental Impacts on vegetation, soil, groundwater, surface water, wildlife within removal zone (0.5 m on either side of guiderail)	1	3	3	1	1
Environmental Impacts on vegetation, soil, groundwater, surface water, wildlife within 100 m radius of guiderail	0	1	1	0	0
Environmental Impact on air quality - Greenhouse Gas Emissions	1	1	1	2	2
Social and Cultural Impacts	3	4	4	3	3
Disruption to the travelling public during implementation	1	1	1	1	1
Impacts to private property during or after implementation	1	1	1	1	1
Impacts on Health and Safety of Public or Staff during implementation	1	2	2	1	1
Engineering and Technical Impacts	9	1	1	3	3
Meets MMS and Roadside Safety Requirements (keeps clear zone free from vegetation to ensure guiderails and hazard behind are visible; allows for proper drainage from the road; ensures visibility of sideroads/entrances, etc.) - Green = meets requirements, Red = Not aligned with requirements.	3	0	0	0	0
Effectiveness of Option (how quickly and how long removal lasts - Green = Good Effectiveness, Red = less effective)	3	1	1	2	2
Impact on useful life of Guiderail (Green = Positive, Red = Negative)	3	0	0	1	1
Financial Impact	5	5	5	4	6
Capital Cost for implementation (Green = Low Cost, Red = High Cost)	1	1	1	2	3
Maintenance and Operating Costs (Green = Low Cost, Red = High Cost)	1	1	1	1	2
Risk/Liability (Green = Low Risk, Red = High Risk)	3	3	3	1	1
Overall Score	19	15	15	13	15

Legend	
0	Little or no Impact
1	Potential for Minor Impact
2	Potential for Moderate Impact
3	Potential for Significant Impact

Description	Option 5a	Option 5b	Option 6a	Option 6b	Option 7	Option 8
	Mechanical Mower - lease the Energreen Raiber Transformer mower for use on County owned tractor - cut twice a year	Mechanical Mower - Purchase the Energreen Raiber Transformer mower for use on County owned tractor - cut twice a year	County staff to use a weedeater around 96 km of guiderail - cut twice a year	Retain a contractor to weedeat around 96 km of guiderail - cut twice a year	Paving around guiderails (96 km)	Granular sealing around guiderails (96 km)
Natural Environment Impacts	3	3	3	3	6	7
Environmental Impacts on vegetation, soil, groundwater, surface water, wildlife within removal zone (0.5 m on either side of guiderail)	1	1	1	1	1	2
Environmental Impacts on vegetation soil, groundwater, surface water, wildlife within 100 m radius of guiderail	0	0	0	0	2	2
Environmental Impact on air quality - Greenhouse Gas Emissions	2	2	2	2	3	3
Social and Cultural Impacts	3	3	4	4	5	5
Disruption to the travelling public during implementation	1	1	1	1	2	2
Impacts to private property during or after implementation	1	1	0	0	1	1
Impacts on Health and Safety of Public or Staff during implementation	1	1	3	3	2	2
Engineering and Technical Impacts	3	3	3	3	0	0
Meets MMS and Roadside Safety Requirements (keeps clear zone free from vegetation to ensure guiderails and hazard behind are visible; allows for proper drainage from the road; ensures visibility of sideroads/entrances, etc.) - Green = meets requirements, Red = Not aligned with requirements.	0	0	1	1	0	0
Effectiveness of Option (how quickly and how long removal lasts - Green = Good Effectiveness, Red = less effective)	2	2	2	2	0	0
Impact on useful life of Guiderail (Green = Positive, Red = Negative)	1	1	0	0	0	0
Financial Impact	4	6	5	5	5	5
Capital Cost for implementation (Green = Low Cost, Red = High Cost)	2	3	2	2	3	2
Maintenance and Operating Costs (Green = Low Cost, Red = High Cost)	1	2	1	1	1	2
Risk/Liability (Green = Low Risk, Red = High Risk)	1	1	2	2	1	1
Overall Score	13	15	15	15	16	17

	Environmental Impact (9)	Social and Cultural Impact (9)	Engineering and Technical Impact (9)	Financial Impact (9)	Score (36)
Option 1 - Do Nothing	2	3	9	5	19
Option 2 - Glyphosate	5	4	1	5	15
Option 3 - Finalson	5	4	1	5	15
Option 4A - Lease Herder	3	3	3	4	13
Option 4B - Purchase Herder	3	3	3	6	15
Option 5A - Lease Raiber	3	3	3	4	13
Option 5B - Purchase Raiber	3	3	3	6	15
Option 6A - Staff Weedeat	3	4	3	5	15
Option 6B - Contractor Weedeat	3	4	3	5	15
Option 7 - Granular Sealing	6	5	0	5	16
Option 8 - Paving	7	5	0	5	17