



Laurie Patterson

511 Highcrest Trail, Muskrat Lake

Planting plan created by Muskrat Watershed Council

Survey Date: 06/27/2018





Schedule A:

Plants & Property

Land Characteristics

This planting plan is designed based on the land characteristics identified during the day of the site visit. Plants are chosen according to the soil and light conditions on your property. The number of plants chosen for each planting compartment takes into account the square metre area of the space, as well as the amount of current vegetation cover. **Your property is part of ecoZone: 4a**

Land Characteristics by Compartment

	Length	Width	Area	pH	Soil	Moisture	Light	Height
A	13m	1.5m	19.5m ²	normal	sandy	dry	full sun	max 1.5m
B	6.7m	1m	6.7m ²	normal	sandy	dry	partial sun	max 1.5m
C	6.5m	1.5m	9.8m ²	normal	sandy	dry	partial sun	max 1.5m
	26.2m	1.33m	36m ²					


Plant Selection Summary

The following shrubs and trees are chosen for their suitability and survivability given the current soil and light conditions in each compartment on your property, as well as preferable features.

Plant Species	A	B	C	Potted	Bareroot	Wildflower
Pasture Rose	10				10	
Fragrant Sumac	5	10	15		30	
Subtotal	15	10	15	0	40	0
Totals		40				

Plant Information

The following table summarizes key information about each plant selected for your property.

	<p>Pasture Rose</p> <p>Height: 1.5 m</p> <p>The Pasture Rose is a small (1.5m), deciduous shrub which often spreads through suckers to form colonies or thickets in the wild. This species grows erect from a central base with sprawling branches, creating a dense, irregular bush. This shrub produces compound leaves, consisting of 5 to 7 leaflets arranged alternately along the branches. The Pasture Rose yields beautiful 5 centimeter wide white to pink flowers, which bloom in the early summer lasting for approximately a month. The rose hip fruit develops after the flower has died and turns bright red as it ripens. During the fall, the olive green leaves turn yellow to deep red or purple.</p>
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Fragrant Sumac

Height: 1-2m

The Fragrant Sumac is a medium-sized deciduous shrub within the Cashew family. This species grows between 1-2 meters in height, is multi-stemmed, and produces a round, dense crown composed of erect and spreading branches. Between March and April, small yellow flower clusters bloom on the terminal ends of the branches prior to leaf development. Fruit development begins during late summer. Small, red, hairy berries are produced and can remain on the plant throughout the winter. Male catkins develop on the plant in September. Fragrant Sumac leaves are simple and arranged alternately along the branch. Leaves produced are simple and trifoliate with a large center lobe, appearing similar to Poison Ivy. During the spring and summer, the leaves are light green to green-yellow in colour turning a bright yellow to red or dark purple in autumn. Crushed leaves and stems of the Fragrant Sumac produce a fragrant citrus aroma, hence the common name. The aroma of this shrub is attractive to butterfly species, making it the perfect addition to any butterfly garden. The roots of the Fragrant Sumac are shallow, fibrous, and spread rapidly, making it an ideal choice for stabilizing shorelines and mitigating erosion on steep slopes. Unlike other Sumac species, Fragrant Sumac is significantly less aggressive and easily maintained.

Compartment A

Naturalization Area

- ⚖ PH: normal
- 🌱 DEPTH: bareroot
- 💧 MOISTURE: dry
- 🌾 SOIL TYPE: sandy
- 📏 PLANT HEIGHT: max 1.5m
- ☀ LIGHT CONDITIONS: full sun



Pasture Rose

10



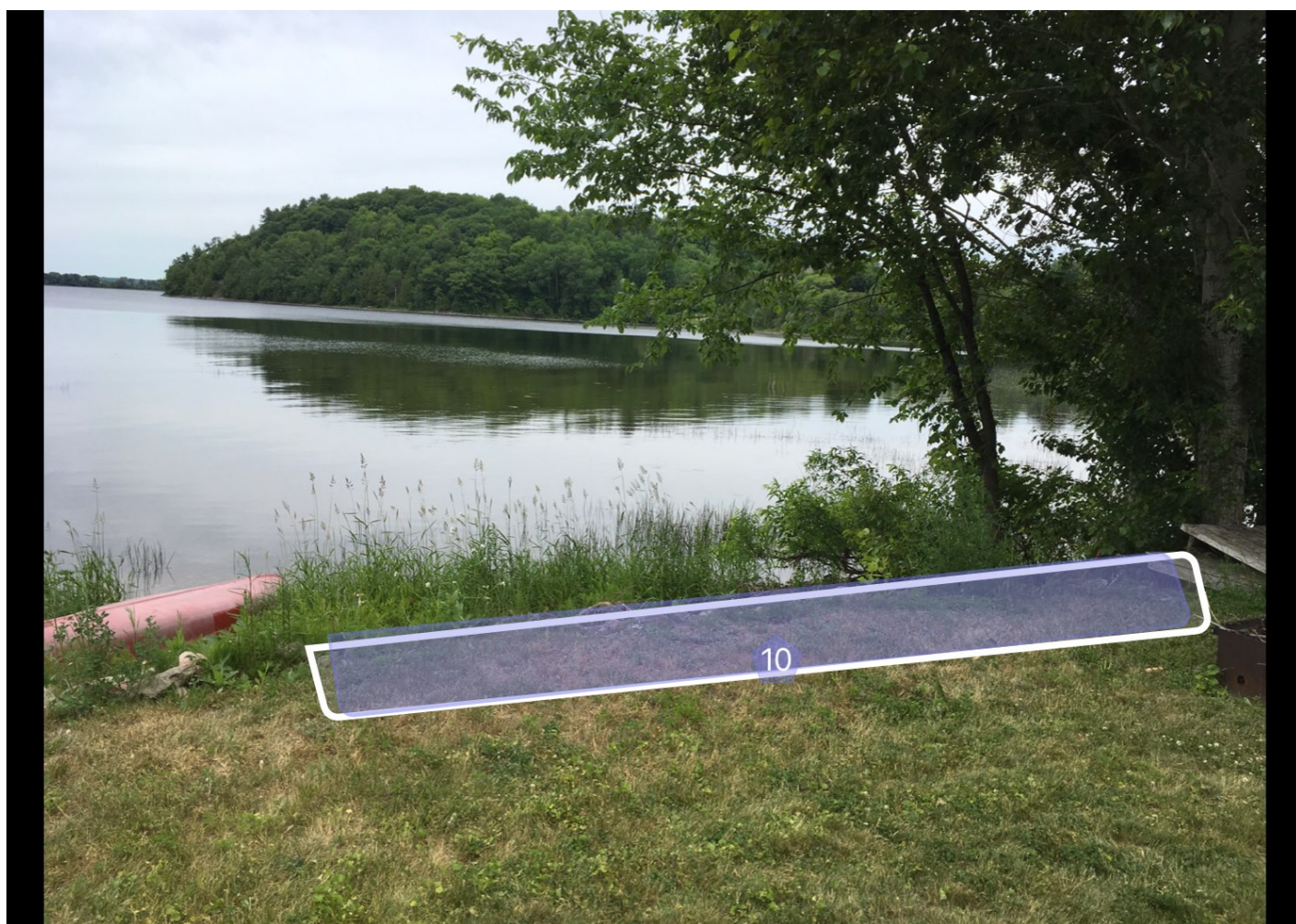
Fragrant Sumac

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Compartment B

Naturalization Area

- ⚖ PH: normal
- 🌱 DEPTH: bareroot
- 💧 MOISTURE: dry
- 🌾 SOIL TYPE: sandy
- 📏 PLANT HEIGHT: max 1.5m
- ☀ LIGHT CONDITIONS: partial sun



Fragrant Sumac

10

Compartment C

Naturalization Area

- ⚖ PH: normal
- 🌱 DEPTH: bareroot
- 💧 MOISTURE: dry
- 🌾 SOIL TYPE: sandy
- 📏 PLANT HEIGHT: max 1.5m
- ☀ LIGHT CONDITIONS: partial sun



Fragrant Sumac

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Schedule B

Financial Summary

Project Partners: Watersheds Canada and Muskrat Watershed Council

The following section outlines the total cost of your project. It has been divided into 2 sections; 1- Plants and Material, 2- Services. It also includes the breakdown of the landowner contribution and the portion that will be paid by Watersheds Canada, as outlined in the Project Costs Total table.

The Natural Edge program has received generous funding to help support the costs of plants, materials, and project coordination and delivery, making this program possible.

Bareroot stock


Item	Quantity	Cost/Item	Subtotal
Pasture Rose	10	2.25	22.50
Fragrant Sumac	30	2.25	67.50
Total Bareroot plant stock	40		90.00

Tending materials

Item	Quantity	Cost/Item	Subtotal
Mulch	40	1.00	40.00
Total Tending materials			40.00

Totals

1-Plants and materials			
Bareroot plant stock			90.00
Wildflower plant stock			0.00
Tending materials			40.00
Plants & Materials			130.00
2-Services	Quantity	Cost/Item	Subtotal
Watersheds Canada's Site visit (<i>Site visit in-kind</i>)	1 on 06/27/2018	0.00	0.00
Plant stocking	40	2.00	80.00
Mulching & tree guard installation	40	1.50	60.00
Shipping & handling of materials			25.00
Planting plan			350.00
Project management and delivery			400.00
Administration fee			100.00
Services total			1015.00



Total Project Costs	Subtotal
Total project value (including in kind contributions)	1145.00
Total eligible costs (<i>excluding in kind contributions</i>)	1145.00
Muskrat Watershed Council's contribution (<i>100% of eligible costs</i>)	1145.00
Landowner contribution (<i>0% of eligible costs</i>)	0.00



Schedule C

Project Agreement

Stewardship Agreement

Please indicate your agreement to this proposed plan by signing the following Stewardship Agreement and submitting it, along with your financial contribution, to:

Watersheds Canada

115-40 Sunset Blvd. Perth, ON, K7H 2Y4

Plant Availability

Please note that plant species may need to be changed based on plant stock availability at the time of ordering.

Project Completion

Upon receiving your signed stewardship agreement and financial contribution, a date will be booked to complete the project. Watersheds Canada will supply all plants, materials, and planting labour. If there are particular dates that you would prefer, we will do our best to accommodate your requests.



The Natural Edge Stewardship Agreement with Watersheds Canada

Agreement made this Day of the Month of in the Year .

BETWEEN Laurie Patterson 511 Highcrest Trail Ontario K0J1K0
(Hereinafter called the OWNERS)

AND **Watersheds Canada**, 115-40 Sunset Blvd, Perth, ON, K7H 2Y4 (Hereinafter called WC)

WHEREAS the Owners and WC have met and discussed plans for shoreline naturalization on the specified area(s) in Schedule A existing on the Owners' land;

WHEREAS the Owners indicate approval of the project as proposed; and

WHEREAS the project is, or will be for the benefit of the Owners and others;

NOW THEREFORE THE PARTIES AGREE AS FOLLOWS:

1. This Agreement shall be in effect for a period of 5 years, commencing with the date of this Agreement.
2. The Owners and WC agree that the areas where the work is to be performed is as described in Schedule A.
3. The Owners grant WC, its contractors, employees and agents, the right to enter the property to perform the work agreed upon as outlined in Schedule A. In addition, WC, its contractors, employees and agents may inspect the work performed for the purposes of monitoring the project and survival assessment, with prior agreement with Owners for date and time of inspection.
4. The Owners agree to contribute the "Landowner contribution (0% of eligible costs)" and pay the costs indicated in Schedule B.
5. In instances where the Owners are to pay WC for work to be performed (outlined in Schedule A), the Owners agree to provide payments to WC prior to the commencement of that operation. Failure of payment shall constitute a breach of this Agreement and the Owners agree this Agreement will be terminated and thereupon the Owners agree to pay WC the estimated costs of the operations of the project completed, if any.
6. The Owners agree, if necessary, to perform a reasonable amount of maintenance, which is described in the Native Plant Care Guide, available at watersheds.ca.
7. If the contractor is required to perform the work outlined in Schedule A, then the contractor carrying out the work on the land described will be required to take out and furnish evidence of a comprehensive policy of public liability and property damage coverage. The contractor and their workers will be required to be in good standing with the Workplace Safety and Insurance Board prior to performing the work.
8. The Owners agree not to remove, destroy or alter the project without prior consultation and approval of WC. Pruning and trimming planted nursery stock, or adding replacement native nursery stock is exempt.
9. The Owners agree not to mow the planted area.
10. The Owners do acknowledge that WC, its contractors, employees and agents, having performed said works, are not under further obligation with respect to survival of nursery stock, inspection, or maintenance.
11. The Owners, in the absence of negligence, hereby remises, releases and forever discharges WC, its contractors, employees and agents from all claims and demands for injuries, including death, loss, damages and costs in any way related to or connected with installation and maintenance of the work described or resulting from any deleterious effects of the work to the land or to the lands and buildings thereon retained by the Owners.

IN WITNESS WHEREOF the parties have agreed to the contents of this plan; SIGNED:

Watersheds Canada

Laurie Patterson

Representative Signature:

Owner Signature:



About this program

This project is created as a co-partnership between Watersheds Canada and Muskrat Watershed Council

About Muskrat Watershed Council

We are a volunteer, community-based, not-for-profit organization with the goal of improving water quality in the Muskrat Lake Watershed by using scientific and local based knowledge. We seek to engage and empower people and communities by promoting best management practices in an effort to identify and reduce nutrient loading from all sources in the Watershed. Through these objectives, we hope to foster economic, societal and environmental sustainability.

This program was created by Watersheds Canada

We believe that every person has the right to access clean and healthy lakes and rivers in Canada. At Watersheds Canada, we work to keep these precious places naturally clean and healthy for people and wildlife to continue using for years to come. We love working with others to meet the needs of local communities, whether you're a concerned citizen, a landowner, a lake association looking for help, or a coalition of groups interested in activating your local community.