

# Test MWC

## Test Lane, Test Lake

Planting plan created by Muskrat Watershed Council

**Survey Date:** 04/30/2020 • **Planting Date:** 11/02/2020





## 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	8m	2.5m	20m <sup>2</sup>	normal	clay	normal	full sun	
	8m	2.5m	20m <sup>2</sup>					

# 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	Potted	Bareroot	Wildflower
Black Elderberry	50		50	
Tamarack	25		25	
Red Osier Dogwood	50		50	
Red Maple	25		25	
Smooth Wild Rose	50		50	
Subtotal	200	0	200	0
Totals	200			

# Plant Information

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



## Black Elderberry

### Height: 4 m

The Black Elderberry is a large, fast-growing, deciduous shrub or small tree, which typically grows to 4m. This species tolerates a variety of conditions and is commonly found in sunny locations with well-drained soils. Black Elderberry can be single or multi-stalked with numerous branches creating a full, round body. Leaves are compound, with 5-7 leaflets that grow opposite each other along the branch. During the fall, leaves tend to turn a pale yellow. During late May to early June, this species produces flowers that are ivory white and grow in flat topped clusters. By late August, flowers turn to glossy, deep purple fruit, which attract a variety of wildlife like songbirds and small mammals. Ripe fruit is edible for humans and is commonly made into jams and jellies. The root system of this species is shallow, and can form colonies through suckering.



## Tamarack

### Height: 20 m

Tamarack is a small to medium sized, deciduous coniferous tree species that grows up to 20 m tall. This plant may also be known by the common name American Larch. The bark is scaly and reddish brown coloured. The needles are delicate, 2-4 cm long, blueish-green coloured, grow in clusters of 15 to 25, and change golden yellow in the fall. This tree provides food and habitat for wildlife species, including birds and mammals. Tamarack is a fast-growing, long lived species that can live up to 150 years and is found across all of Canada. The wood from this tree is decay-resistant and has been used to make railway ties, posts, and crates. Tamarack is considered unique because it is the only conifer species to drop its needles in the fall.





## Red Osier Dogwood

**Height: 1.5-4m**

The Red Osier Dogwood is a medium-sized, deciduous shrub native throughout Northern and Western North America which typically grows to 1.5-4m. This species is multi-stemmed with numerous erect and ascending bright red branches that create a loose and spreading form. Leaves produced are simple, two-toned with a dark green upper side and light green underside. They are arranged opposite each other along the branches. During the fall, the foliage turns a brilliant red to dark purple. Clusters of small, creamy white flowers form on the terminal ends of the branches between June and July. The Red Osier Dogwood produces blueish-white fruiting bodies during late summer, which may persist throughout the winter. This shrub's berries provide an important winter food source for numerous species, from large deer to small wintering birds.



## Red Maple

**Height: 12-25m**

The Red Maple is the most common and widespread deciduous tree of Eastern and Central North America. This species can grow 12-25m at maturity. The trunk of this hardwood species is branch free from the base to about halfway up the trunk. When planted in an open area, the trunk can divide and branch out fairly close to the ground. As the tree matures, it develops a short, narrow crown consisting of horizontal and ascending branches. The leaves on the Red Maple grow opposite each other on the branches. During the summer, leaves are bright green on top with a whitish underside. During the fall, the leaves turn a bright red or scarlet colour, from which the name is derived. Prior to leaf development, tree flowers bloom in early May. Red Maple tree flowers are small and red to yellowish orange in colour, growing in clusters on a thin stalk. During June and July, tree flowers develop into reddish winged keys, which hold and disperse seeds. The Red Maple plays an important role in the lumber industry, as its wood is excellent for woodworking.



## Smooth Wild Rose

### Height: 1.5m

The Smooth Wild Rose is a shrub species that grows about 1.5 m tall. The name is derived from the fact that it is almost thornless with only a few sharp thorns present near its base. This native shrub is best known for producing beautiful pale pink flowers with five saucer-like petals surrounding a yellow center. The Smooth Wild Rose produces bright red rose hip fruiting bodies which develop during the summer and persist throughout the winter. Leaves produced are alternate and compound, consisting of 5-7 serrated, egg-shaped leaflets.

# Compartment A

## Naturalization Area

Test MWC

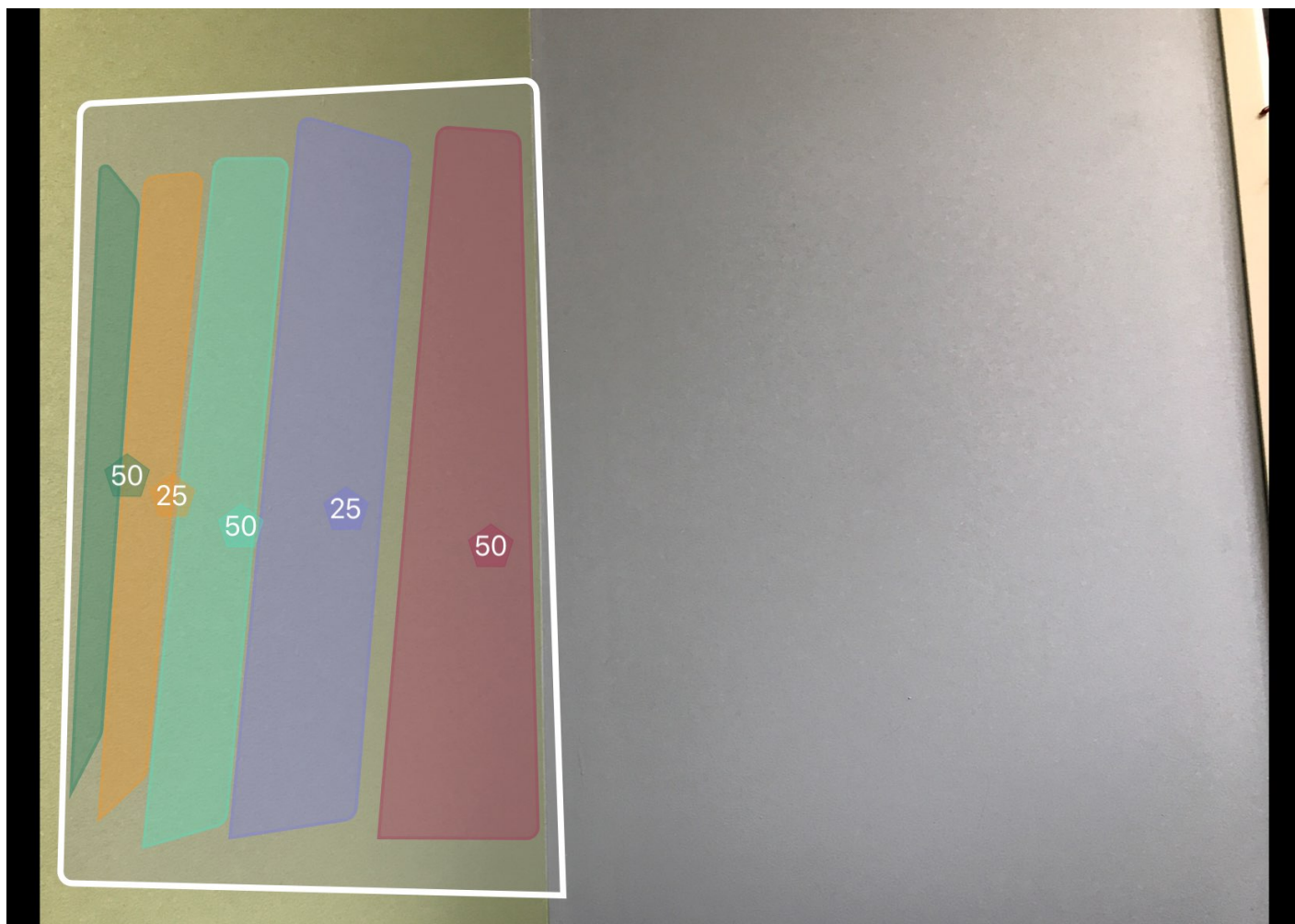
⚖️ PH: normal

🌱 DEPTH: bareroot

💧 MOISTURE: normal

🌍 SOIL TYPE: clay

☀️ LIGHT CONDITIONS: full sun



Black Elderberry

50



Tamarack

25



Red Osier Dogwood

50



Red Maple

25



Smooth Wild Rose

50

## 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
Black Elderberry	50	2.25	112.50
Tamarack	25	2.25	56.25
Red Osier Dogwood	50	2.25	112.50
Red Maple	25	2.25	56.25
Smooth Wild Rose	50	2.25	112.50
Total Bareroot plant stock	200		450.00

## Tending materials

Item	Quantity	Cost/Item	Subtotal
Mulch	200	1.00	200.00
Tree guards (deciduous only)	25	1.50	37.50
Total Tending materials			237.50

## Totals

1-Plants and materials	
Bareroot plant stock	450.00
Wildflower plant stock	0.00
Tending materials	237.50
Plants & Materials	687.50



2-Services	Quantity	Cost/Item	Subtotal
Watersheds Canada's Site visit ( <i>Site visit in-kind</i> )	1 on 04/30/2020	0.00	0.00
Plant stocking	200	2.00	400.00
Mulching & tree guard installation	200	1.50	300.00
Shipping & handling of materials			25.00
Planting plan			350.00
Project management and delivery			400.00
Administration fee			100.00
<b>Services total</b>			<b>1575.00</b>
<b>Total Project Costs</b>			<b>Subtotal</b>
Total project value (including in kind contributions)			2262.50
Total eligible costs ( <i>excluding in kind contributions</i> )			2262.50
Muskrat Watershed Council's contribution ( <i>100% of eligible costs</i> )			2262.50
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 **24th** Day of the Month of **February** in the Year **2020**.

BETWEEN Test MWC, Test Lane, Cobden, Ontario, K9H 2T5  
(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;

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](http://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**

Representative Signature:



**Test MWC**

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.