

Planting Plan: Jared Property

60 Irwin Lane, Maynooth, Ontario
Baptiste Lake

Plan 2017-03 | July, 2017 | Fall Plant



Schedule A – Plants and 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.

Land Characteristics			
Compartment	Shoreline Length	Shoreline Width	Shoreline Area
Compartment A	4 m	2 m	8 m ²
Compartment B	6 m	2 m	12 m ²
Totals	10m	4 m	20 m²
Soil Type		Soil Depth	
Sandy		>120 cm	
Moisture		Light Conditions	
Moist		Shaded to Part Sun	

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	Compartments		Potted	Bareroot
	A	B		
Black Chokeberry	4	4	4	4
Fragrant Sumac	7	7	7	7
Meadowsweet	5	5	10	
Nannyberry	10	3	13	
Ninebark	9	4		13
Pasture Rose	5	5		10
Smooth Arrowwood	5		5	
Subtotal	45	28	39	34
Totals	73		73	



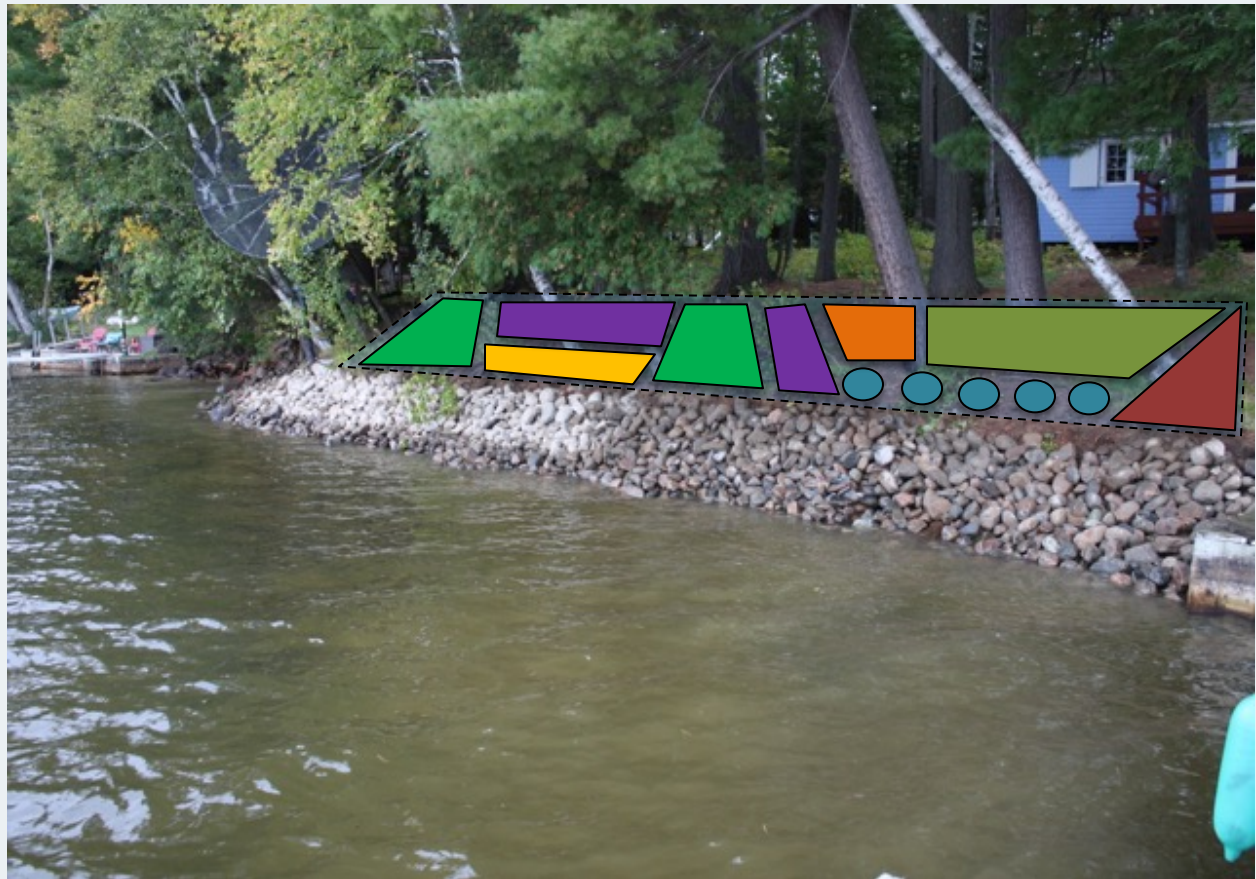
Plant Information

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

Plant Species	Height	Features
Black Chokeberry (<i>Aronia melanocarpa</i>)	1-3 m	Low to medium shrub with oval shaped green leaves that turn red-purple in the fall. Clusters of white flowers bloom in late spring, followed by black berries in the fall.
Fragrant Sumac (<i>Rhus aromatica</i>)	1-2 m	Fragrant Sumac is able to tolerate and thrive in many conditions, including drought. It is well suited for locations such as slopes and banks where it can provide stabilization and erosion control. With glossy green leaves in the summer and vibrant red leaves and berries in the fall, Fragrant Sumac is a gorgeous addition to your property.
Meadowsweet (<i>Spiraea alba</i>)	1-2 m	A mound shaped shrub commonly found in swamps, wet meadows and along shores. Meadowsweet's white and pinkish flowers are arranged in conical spikes and the hollow, upright stems were used historically as pipe stems.
Nannyberry (<i>Viburnum lentago</i>)	2-9 m	Large shrub with toothed leaves and a short, gray-red trunk. Small white flowers bloom in spring followed in late summer by an edible, blue fruit with a unique flat seed. Found along riverbanks.
Ninebark (<i>Physocarpus opulifolius</i>)	2-3 m	A hardy and adaptable shrub, Ninebark are drought tolerant and can survive dry summers with only the occasional watering. Their peeling bark gives them an attractive and interesting look, especially in the winter.
Pasture Rose (<i>Rosa carolina</i>)	0.5-3.5m	Prickly shrub, on a woody stem. The flowers produced have five petals, and are pink in colour, with numerous bright yellow stamens. The leaves are opposite separated by a deeply serrated margin, green in colour.
Smooth Arrowwood (<i>Viburnum recognitum</i>)	1-3m	Smooth Arrowwood is a multi-stemmed shrub that has clusters of white flowers in the spring and bunches of blue berries in the fall that attract birds and other wildlife. Plant this alongside shorelines in moist, loamy soils to help with wildlife habitat and bank stabilization.

Compartment A Naturalization Area

The following photograph shows the area to the left of the property to be planted with shrubs.



 Compartment A

Black Chokeberry (4)

Fragrant Sumac (7)

Ninebark (9)

Meadowsweet (5)

Pasture Rose (5)

Nannyberry (10)

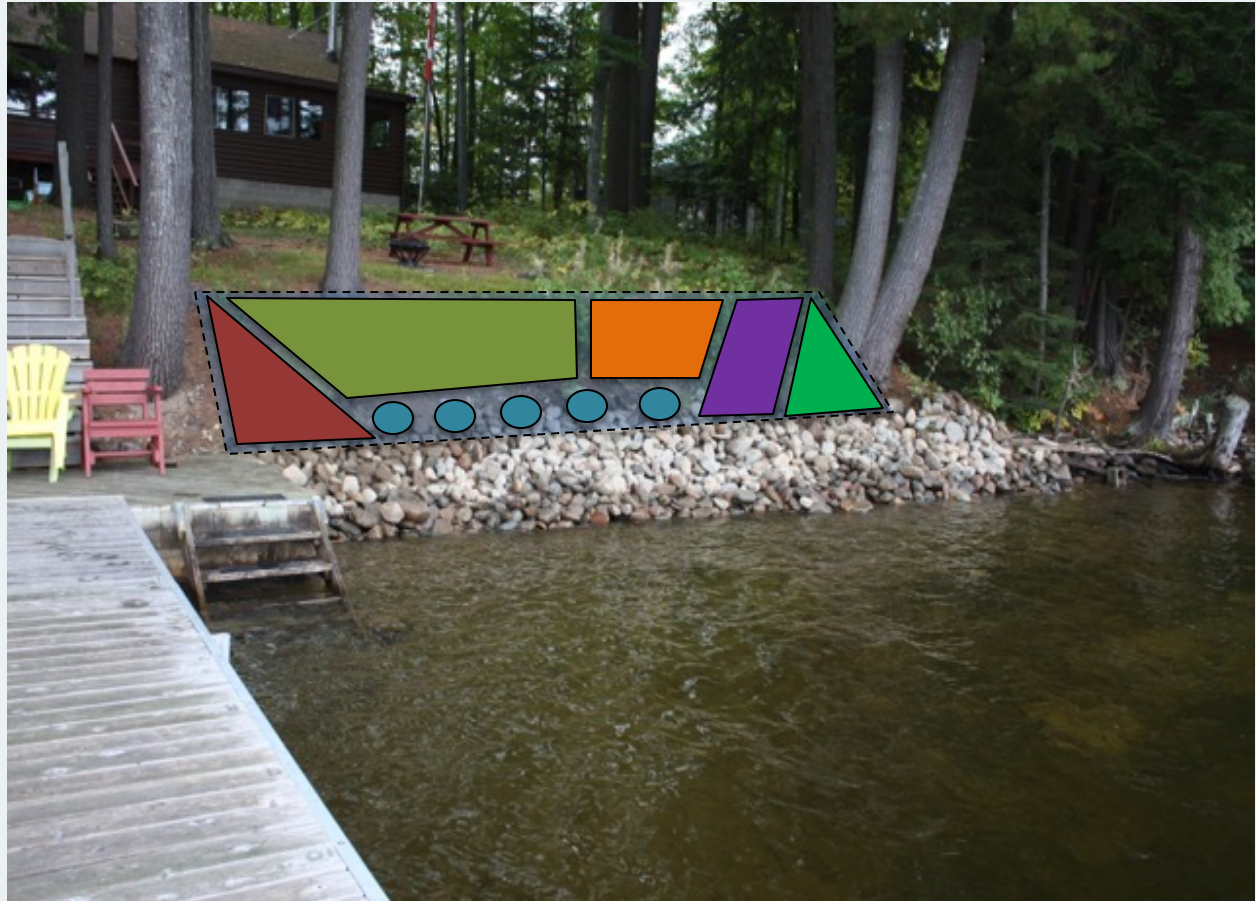
Smooth Arrowwood (5)



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Compartment B Naturalization Area

The following photograph shows the area to the right of the dock to be planted with shrubs.



 Compartment B

Black Chokeberry (4)

Fragrant Sumac (7)

Ninebark (4)

Meadowsweet (5)

Pasture Rose (5)

Nannyberry (3)

Schedule B – Financial Investment Summary

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.

Plants & Materials			
Item	Quantity	Cost/Item	Subtotal
Bareroot Plant Stock			
Black Chokeberry	4	\$2.25	\$9.00
Fragrant Sumac	7	\$2.25	\$15.75
Ninebark	13	\$2.25	\$29.25
Pasture Rose	10	\$2.25	\$22.50
Potted Plant Stock			
Black Chokeberry	4	\$11.30	\$45.20
Fragrant Sumac	7	\$11.30	\$79.10
Meadowsweet	10	\$11.30	\$113.00
Nannyberry	13	\$11.30	\$146.90
Smooth Arrowwood	5	\$11.30	\$56.50
Tending Materials			
Mulch (per plant)	73	\$0.95	\$69.35
Soil (per plant)	73	\$0.50	\$36.50
Subtotals & Taxes			
Bareroot Plant Stock			\$76.50
Potted Plant Stock			\$440.70
Tending Materials			\$105.85
Plants & Materials Subtotals			\$623.05

Services			
Item	Quantity	Cost/Item	Subtotal
Watersheds Canada Site Visit	1-	\$150.00	\$0- Provided in kind
Plant Stocking	73	\$2.00	\$146.00
Mulching & tree guard installation	73	\$1.50	\$109.50
Shipping & handling of materials	-	-	\$25.00
Planting plan	-	-	\$350.00
Project management and delivery	-	-	\$400.00
Administration fee	-	-	\$100.00
<i>Services Total</i>			\$1,130.50

Project Cost Totals	
Item	Subtotal
Total project value (including in kind contributions)	\$1903.55
Total eligible costs (excluding in kind contributions)	\$1753.55
The Natural Edge Contribution (75% of eligible costs)	\$1315.16
<i>Landowner contribution (25% of eligible costs)</i>	\$438.39





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, Ontario 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.



Watersheds Canada

The Natural Edge Stewardship Agreement

AGREEMENT MADE THIS _____ Day of the Month of _____ in the Year _____.

BETWEEN

Name _____
Address _____
City, Postal Code _____
Water Body _____
Phone Number _____
Email Address _____

(Hereinafter called the OWNERS)

AND

Watersheds Canada
40 Sunset Blvd. Suite 115
Perth, ON K7H 2Y4
www.watersheds.ca
613-264-1244
info@watersheds.ca
(Hereinafter called the CENTRE)

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

WHEREAS the Owners indicate approval of the project as proposed;

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 the Centre agree that the areas where the work is to be performed is as described in Schedule A.
3. The Owners grant the Centre, its contractors, successors, employees and agents, the right to enter the property to perform the work agreed upon as outlined in Schedule A and B. In addition, the Centre, its contractors, successors, 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 (25% of eligible costs)" and pay the costs indicated as Schedule B.
5. In instances where the Owners are to pay the Centre for work to be performed (outlined in Schedule B), the Owners agree to provide payments to the Centre prior to the commencement of that operation. Failure of payment shall constitute a break in this agreement and the Owners agree this agreement will be terminated and thereupon the Owners agree to pay the Centre the estimated costs of the operations of the project completed, if any.
6. If the contractor is required to perform the work outlined in Schedule A and B, then contractor carrying out the work on the land described shall take out and furnish evidence of a comprehensive policy of public liability and property damage coverage. The contractor and their workers will require being in good standing with the Workplace Safety and Insurance Board prior to performing the work.
7. The Owners agree, if necessary, to a reasonable amount of maintenance, which is described in the Native Plant Care Guide..
8. The Owners agree not to remove, destroy or alter the project without prior consultation and approval of the Centre. 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 the Centre, its contractors, successors, 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 the Centre, its contractors, successors, 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

Rep. Signature _____

Date _____

Owner Name _____

Owner Signature _____

Date _____



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