

Sample

2 Sample Lane, Madawaska River

Planting plan created by Watersheds Canada

Survey Date: 09/23/2020



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: 5b

Land Characteristics by Compartment

	Length	Width	Area	pH	Soil	Moisture	Light	Height
A	10m	3m	30m ²	normal	sandy, loamy	normal	partial sun	max 2m
B	15m	3m	45m ²	normal	sandy, loamy	normal	full sun	max 2m
	25m	3m	75m 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	Potted	Bareroot	Wildflower
Allegheny Serviceberry	1		1		
Black Chokeberry	5		5		
Pasture Rose	15	6	6	15	
Snowberry	10			10	
Shrubby Cinquefoil	8	10		18	
Black-Eyed Susan	3	6			9
New England Aster	3	6			9
Purple Coneflower	3	5			8
Bush Honeysuckle		4	4		
Fragrant Sumac		20		20	
Subtotal	48	57	16	63	26
Totals	105				



Plant Information

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



Allegheny Serviceberry

Height: 3-10 m

The Allegheny Serviceberry is an attractive deciduous shrub species that can reach about 3 m as a shrub or up to 10 m as a tree. This plant may also be known by the common name Smooth Serviceberry. It can be grown either in the form of a single stem tree or multi-stemmed shrub comprised of two or three smaller trunks. The leaves are dark green, alternately arranged, oval shaped, and have finely toothed margins. The flowers are showy, fragrant, have 5 petals, appear in drooping clusters, and bloom in April before the leaves emerge. The flowers produce small reddish purple to black berries, which are edible and flavorful to humans. The fruit is beneficial to wildlife species, including birds and small mammals. The root system is valuable for controlling erosion and stabilizing loose soil. This plant is often used for ornamental purposes as a small tree in urban areas.



Black Chokeberry

Height: 1-3m

The Black Chokeberry is a medium sized deciduous shrub with edible fruit. This species requires full sun to partial shade and can tolerate soil conditions from loamy and moist to rocky and dry. Naturally, Black Chokeberry is found in wet wooded areas such as; swamps, along shorelines, and within forest understory. This species is multi-stemmed, and forms thickets from stems which arise from the roots. Leaves are simple, growing alternately along the branch turning a bold red to orange during the fall. During spring, clusters of showy, white flowers appear turning into dark purple berries by fall. This species is resistant to drought, insects, pollution, and disease. The Black Chokeberry is often cultivated as an ornamental plant and food product. Additionally, this species is useful for bank stabilization and erosion control applications.





Pasture Rose

Height: 1.5 m

The Pasture Rose is a small, 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.



Snowberry

Height: 1-2m

The Snowberry is a small shrub known for its white berries bunching at the nodes. This species produces oval-shaped, oppositely arranged, dark green colored leaves with smooth margins on short stalks. This shrub yields white to pink clusters of bell-shaped flowers during the summer. The fruiting bodies produced by this shrub are small, white berries that grow in bunches. These berries provide a good food source to a variety of animals, but are poisonous to humans. Snowberry is an ideal species for bank stabilization applications because its roots are vigorous and deep ranging. This species grows well in sandy or rocky, open areas, such as open forests and along shorelines.





Shrubby Cinquefoil

Height: 1 m

Shrubby Cinquefoil is a hardy, deciduous shrub species that grows about 1 m in height. The stems are reddish brown to gray and appear shredded with age. The leaves are green to blueish green, narrow and elliptic shaped, hairy, alternately arranged, compound with 5 leaflets, and have entire margins. The flowers are showy, yellow, saucer shaped, have five petals, appear in small clusters on terminal branches, and bloom between June and September. In the fall, the flowers give way to an oval-shaped, brown fruit covered in white hairs. The flowers are beneficial to pollinator species, like bees and butterflies. This is a popular shrub for ornamental use in gardens.



Black-Eyed Susan

Height: 1 m

Black-Eyed Susan is a popular biennial or a short-lived perennial wildflower species that typically grows about 1 m in height. Its leaves are green, alternately arranged, lance shaped, and covered with bristly hairs giving the leaf a grey/green colour. The flowers are daisy-like, have 8-20 yellow ray florets surrounding numerous dark brown disk florets, and blooms between June and September. The flowers are beneficial to pollinator species, like bees and butterflies. The seeds are also beneficial to wildlife species, like birds and small mammals. This flower blooms for long periods.





New England Aster

Height: 2m

New England Aster is a showy perennial wildflower with an average height of about 120 cm but can grow up to 2 m tall. It has a central stem with branching in the upper half covered in fine white hairs. Its leaves clasp these stems as they have no petioles. The basal leaves are spatula-shaped, while the stem leaves are alternate and lance-shaped. The leaves are also covered in soft white hairs. Its showy flowers are clustered at the ends of the central stem and surrounding branches. Each flower is composed of 30+ deep purple ray florets surrounding numerous golden disk florets. These plants excel in moist soils with lots of sun. It is often found along lake shorelines, forest edges, in wet meadows, or in marshes/swamps. New England Aster reproduces and spreads using both achenes, which are dispersed by wind and a rhizomatous root system, allowing this plant to colonize open areas. It is also known to easily colonize recently disturbed areas so could be considered for difficult sites that are hard to grow on. This wildflower species attracts lots of pollinators such as bees and butterflies but rarely attracts wildlife, such as wild turkey, deer, and rabbit.



Purple Coneflower

Height: 1m

Purple Coneflower is a perennial wildflower that typically grows about 1 m tall. This plant may also be known by the common name Echinacea. The leaves are dark green coloured, alternately arranged, lance shaped with pointed tips, and have serrated margins. The flowers are showy, pale purple to pink, have 15-20 toothed petals, appear atop erect stems, and bloom between June and August. This wildflower spreads well and can be used to naturalize un-vegetated areas. The roots can be useful for controlling erosion and stabilizing shorelines. This flower blooms for long periods. The flowers are beneficial to pollinator species, like bees and butterflies. The seeds are also beneficial to wildlife species, like birds and small mammals.





Bush Honeysuckle

Height: 1m

The Bush Honeysuckle is a small, hardy, deciduous shrub that rarely grows taller than 1 m in height. The leaves are simple, oppositely arranged, ovate shaped, and have finely toothed margins. During the spring and summer, the leaves are dark green in colour, then in the fall they take on a variety of colours ranging from a deep purple to light yellow. The flowers are small, showy, yellow to orange colored, trumpet shaped, appear in clusters on the tips of branches, and bloom between June and July. The flowers are beneficial to pollinator species, including hummingbirds and butterflies. The roots of the Bush Honeysuckle are fibrous, giving it the ability to form thickets and making it an ideal shrub to plant for erosion control.



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: potted, bareroot, wildflowers
- 💧 MOISTURE: normal
- 🌱 SOIL TYPE: sandy, loamy
- 📏 PLANT HEIGHT: max 2m
- ☀️ LIGHT CONDITIONS: partial sun



● Allegheny Serviceberry
1

⬠ Pasture Rose
15

⬠ Shrubby Cinquefoil
8

● Black Chokeberry
5

⬠ Snowberry
10

🌼 Black-Eyed Susan
3





New England Aster

3



Purple Coneflower

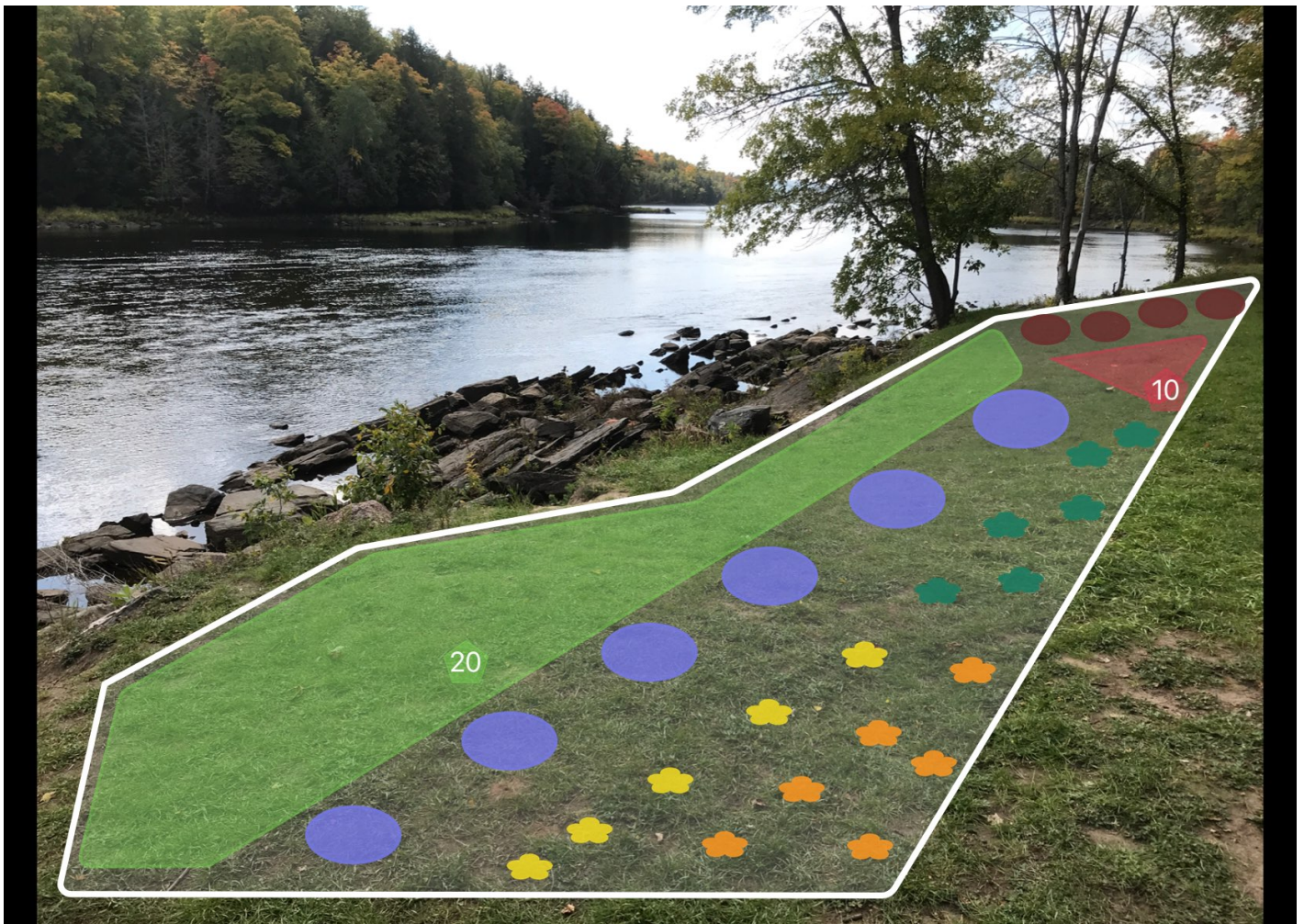
3



Compartment B

Naturalization Area

- ⚖ PH: normal
- 🌱 DEPTH: potted, bareroot, wildflowers
- 💧 MOISTURE: normal
- 🌱 SOIL TYPE: sandy, loamy
- 📏 PLANT HEIGHT: max 2m
- ☀️ LIGHT CONDITIONS: full sun



● Pasture Rose
6

🌻 Black-Eyed Susan
6

🌻 Purple Coneflower
5

⬠ Shubby Cinquefoil
10

🌻 New England Aster
6

● Bush Honeysuckle
4





Fragrant Sumac

20



Schedule B

Financial Summary

Project by: Watersheds Canada

Shoreline Re-Naturalization Starter Kit includes: free site visit, customized re-naturalization planting plan for your shoreline property, native plants including free bare root (small) and potted (large) plants and wildflowers, coconut fibre pads to deter grass from growing around new plantings, tree guards for all deciduous trees, mulch for your wildflowers, Plant Care Guide with instructions on how to take care of your new plants, Habitat Creation Guide and a Wildflower Garden Guide.

Our planting plans are created onsite with you and provide detailed information and plans to re-naturalize your shoreline property. We take photos of areas for planting and overlay native plants that are well suited to your property based on site conditions such as soil type and sunlight availability.

We will work with you to create a plan that works for you including options for low growing plants in areas where views are important.

Item	Quantity	Cost/Item	Subtotal
Starter Kit fee			\$395
Free potted plants	15	\$0	\$0
Paid potted plants	1	\$13.00	\$13.00
Free bareroot plants	25	\$0	\$0
Paid bareroot plants	38	\$2.25	\$85.50
Free wildflowers	10	\$0	\$0
Paid wildflowers	16	\$6.00	\$96.00
Total costs			\$589.50





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 for you to pick up your Natural Edge Kit. Watersheds Canada will supply all plants and materials. If you are paying for the planting to be completed for you, a date will be arranged for Watersheds Canada to plant your shoreline, bringing the plants and materials with them. 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 **9th** Day of the Month of **December** in the Year **2020**.

BETWEEN Sample 2 Sample Lane Perth Ontario K2J 1K0
(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 agree to pick up their Natural Edge Starter Kit from WC's office and plant their shoreline within two days of receipt. The Owners will provide "after" photos of the work completed to be used for reporting purposes. If the Owners wish to have the planting completed for them, then WC or it's contractors, employees and agents will complete the planting at cost, as indicated in Schedule B.
4. If the planting is to be completed by WC, then 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.
5. The Owners agree to contribute the "Landowner contribution" and pay the costs indicated in Schedule B.
6. 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 that this Agreement will be terminated and thereupon the Owners agree to pay WC the estimated costs of the operations of the project completed to date, if any.
7. The Owners agree, if necessary, to perform a reasonable amount of maintenance, which is described in the Native Plant Care Guide, available at naturaledge.watersheds.ca.
8. If a 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 (WSIB) prior to performing the work.
9. 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.
10. The Owners agree not to mow the planted area.
11. 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.
12. The Owners, in the absence of negligence, hereby remise, release and forever discharge 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:

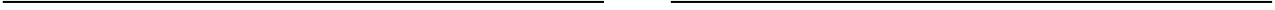
Watersheds Canada

Sample

Representative Signature:

Owner Signature:







About this program

About Watersheds Canada

Watersheds Canada is a non-profit organization and registered Canadian charity committed to working with landowners, communities, and organizations to protect lakes and rivers through developing effective, transferable, and long-term solutions.

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.

