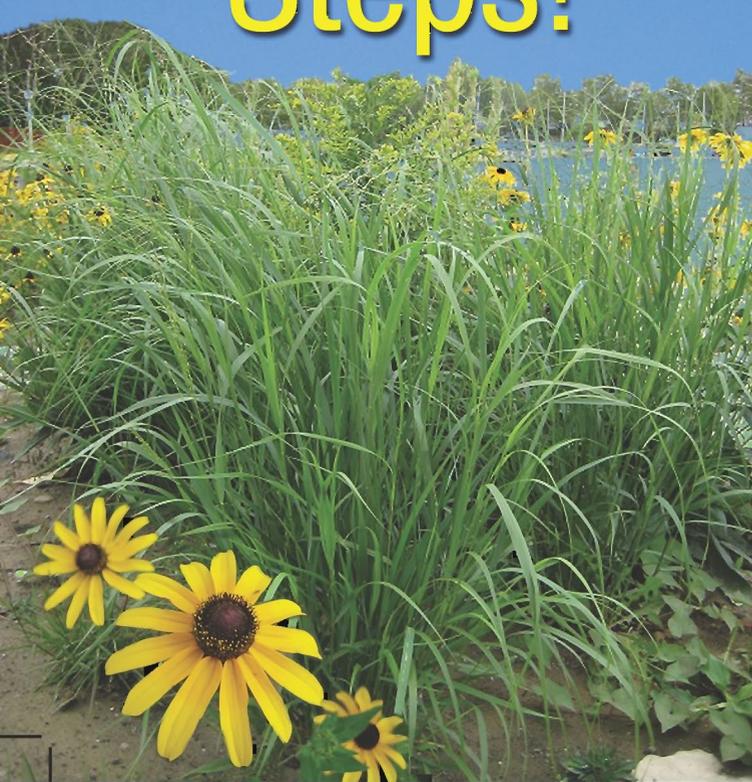


# Create a Healthy Shoreline in 5 Easy Steps!



## 1. Plant a Shoreline Buffer Strip (trees, shrubs, wildflowers & grasses)



- Provides wildlife habitat
- Filters run-off water and reduces soil erosion
- Increases biodiversity
- Adds value to your property

## 2. Don't Remove Snags and Driftwood



- Dead tree stumps, logs and branches provide wildlife with sites for nesting, hibernation and basking.
- Driftwood can also be aesthetically pleasing as pieces of 'art' in your garden.

## 3. Maintain your Lawn Naturally



- Over-seed to crowd out weeds
- Use grass clippings, fallen leaves, kitchen compost or phosphate-free fertilizers to add nutrients to your lawn (phosphates in some fertilizers can leach into the lake and promote growth of unwanted aquatic plants, algae, and even blue-green algae, reducing the enjoyment of shoreline living)



Or:

- Remove as much manicured lawn as possible to make way for more native plants which require much less maintenance and deter grazing geese!

## 4. Reduce Pollution and Chemicals from Entering your Lake Water



- Use natural cleaning products indoors and out
- Maintain vehicles to prevent leaks
- Keep pet waste from washing into the lake
- Have your septic tank pumped every 3 years

## 5. Remove Invasive Vegetation



- Purple Loosestrife (*Lythrum salicaria*) and Himalayan Jewelweed (*Impatiens glandulifera*) are examples of exotic plants that can aggressively replace natural lake shore vegetation reducing its habitat value for wildlife

There are countless native plants to choose from. Here's a short list to get you started:

### In Water:

Bur-reed *Sparganium americanum*  
Arrowhead *Sagittaria* spp.  
Blue-flag iris *Iris versicolour*



### Marginal (medium to moist):

Joe-pye Weed *Eupatorium maculatum*  
Swamp Milkweed *Asclepias incarnata*  
Fringed Brome *Bromus ciliatus*



### Dry or drought tolerant:

Cup Plant *Silphium perfoliatum*  
Little Bluestem *Andropogon scoparium*  
Sky Blue Aster *Symphotrichum oolentangiense*



### Trees:

#### UP FROM SHORE

Maples (Red, Sugar, Striped) *Acer* Spp.  
Red Oak *Quercus rubra*  
White Pine *Pinus strobus*

#### ON SHORE

White Cedar *Thuja occidentalis*



### Shrubs:

Red-osier Dogwood *Cornus sericea*  
Chokeberry *Aronia melanocarpa*  
Sandbar Willow *Salix exigua*



Visit the Healthy Shoreline Demonstration Site at Science North to learn more about protecting your shoreline property

Contact Science North at 705.522.3701 ext. 249,  
or visit our website [sciencenorth.ca](http://sciencenorth.ca)  
You can also visit [www.greatersudbury.ca/lakes](http://www.greatersudbury.ca/lakes)