

# The Shoreline: Rock Pile Wall



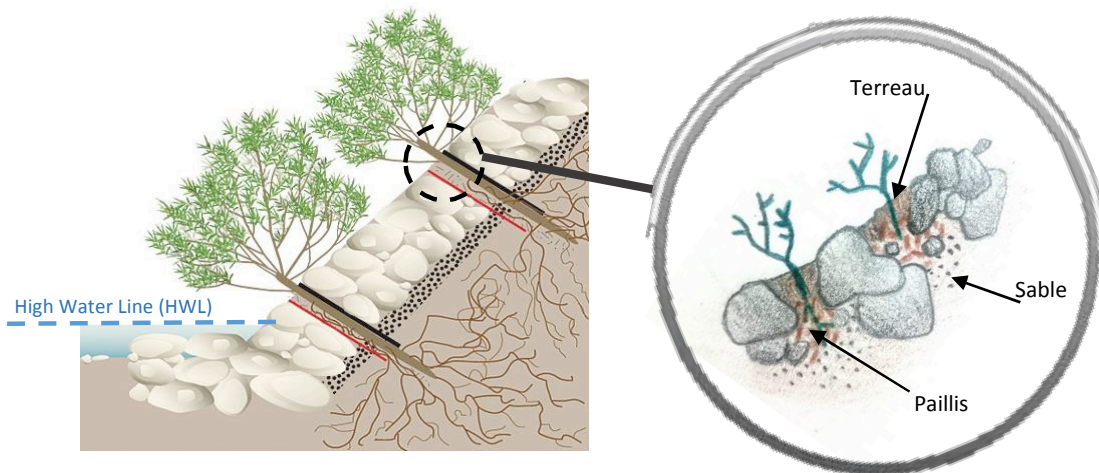
## A rock pile wall is good for:

- Limiting soil erosion during runoff
- Reducing sediment flowing into the water
- Protecting the shore from wave action

## But a rock pile wall without vegetation:

- Insufficient oxygenation due to lack of wave breakup
- Encourages the accumulation of organic material
- Lack of shady zone to keep water cool
- Contributes to warming and evaporation

## How to restore vegetation on a rocky wall



1) Stuff sand into the bottom of the cracks to hold the base

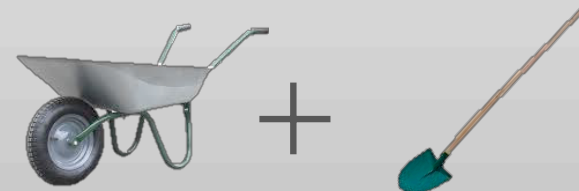
2) Spread mulch in the holes between the rocks above the high water line, then tamp it down.

2) Make a hole in the mulch.

4) Fill the holes with leaf-mould.

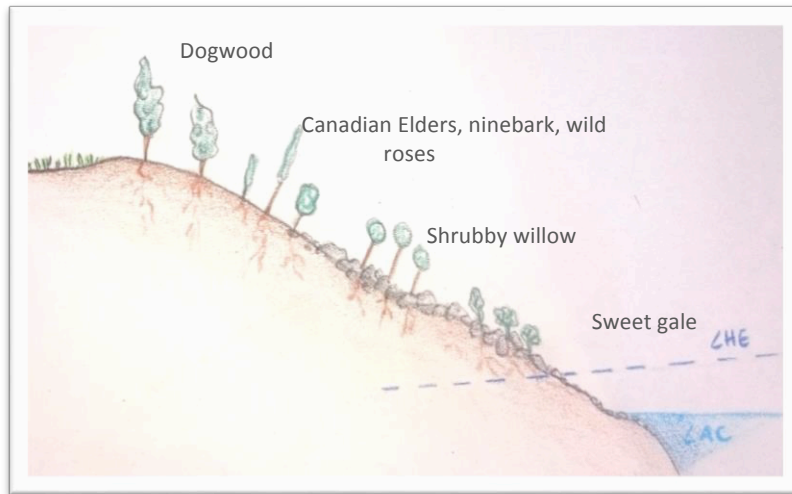
5) Place the plant into the soil and lightly compact the soil.

Tools you will need



## Which species to plant?

We



We propose these varieties; over to you to choose others. It is a good practice to install plants :

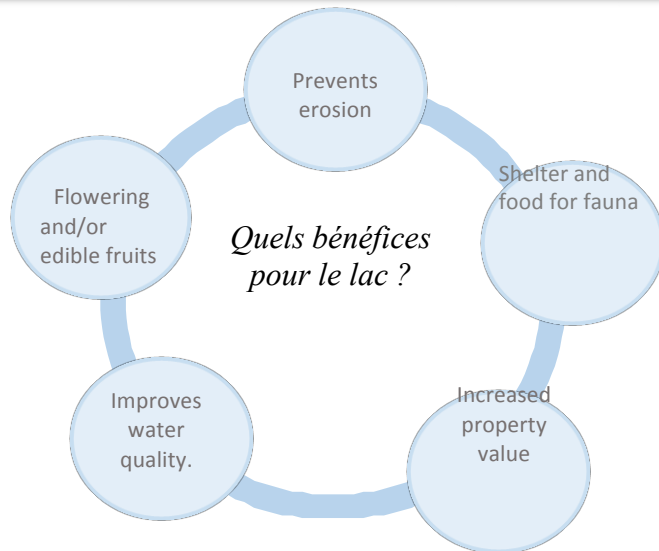


- Which are native species
- With deep root systems
- With extensive root systems (pots) and bare roots
- From a local nursery
- Offering a sources or food and shelter for fauna

If you have problems with rodents, install protective cyliders at the base of the stems.

## When to plant

Au the Spring, right after the snow melts, when plants are still dormant, or in Spetember or October.



Before



3 months After



## To learn More :

MDDELCC, Guide des bonnes pratiques – Protection des rives, du littoral et des plaines inondables, 2015.

<http://www.mddelcc.gouv.qc.ca/eau/rives/>

Corporation Bassin Versant Baie Missisquoi, Guide de mise en valeur riveraine Protéger la qualité de vie des lacs et des cours d'eau, 2008.

<http://www.ste-christine.qc.ca/doc/Guidedemiseevaleur.pdf>

FIHOC, Guide de bonnes pratiques Aménagement et techniques de restauration des bandes riveraines, 2013.

[http://banderiveraine.org/wp-content/uploads/2013/07/FIHOQ\\_guide\\_2013\\_web\\_spread.pdf](http://banderiveraine.org/wp-content/uploads/2013/07/FIHOQ_guide_2013_web_spread.pdf)