

## Red Cedar Island RipRap description

These photos were taken in the fall after the lake level had been dropped 4-6" from summer levels. Riprap will be placed in the undercut, which in these photos is above the waterline.



The erosion is occurring at the summer waterline. A single layer of 12-16" stones with some smaller ones used to fit into the gaps will be placed tight to the undercut. This design will be used on all areas of rip rap



The rip rap will not look like this.





On the west end of the island the riprap will extend from the large white pine around the tip.



This is a view of the west end. The rock will extend around the tip.





There are several areas along the north shore where the waves have cut into the bank where rip rap will be placed.



This location on the NE corner of the island will have a row of rip rap will be placed along with a rope barrier to limit foot traffic up onto the island.

There is approximately 170' of riprap needed.

Averaging a 1.5' x 1.5' cross section of riprap, this would be 15 cubic yards of rock





The east end of the island has adequate rock from previous attempts at stabilization, however the foot traffic has eliminated the topsoil and it is severely eroding. It is approximately 350 ft<sup>2</sup>

The area will have any loose debris raked out and then 4" of topsoil placed – 4 cubic yards.

It will then be seeded with a native erosion control seed mix. <https://www.prairienursery.com/erosion-control-seed-mix-for-dry-soils.html>

A double netted erosion control blanket (4' wide roll) will be installed over it with 6" sod staples every 18"



In order for this to work, access will need to be restricted to the west end of the island. Rope fencing with signage explaining the process will need to be installed.

## Proposed language for the sign

**This island is in the process of being restored using methods that mimic natural succession.**

**Help us give the developing plants the best chance of survival – Please only access the west end of the island.**

**Red Cedar Lakes Association – Wisconsin DNR – Barron County**



Access would be allowed in this area. (photo looking west)



A rope barrier would be installed along with a sign at the east end of the flat grassy area. (photo looking east)

Rope barrier will be needed also on the east end and other areas.