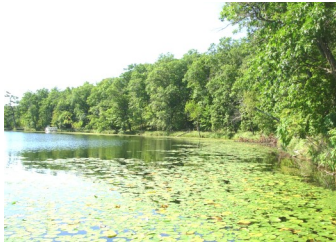


Appendix C: SHORELINE RAPID ASSESSMENT MODEL



The City of Crosslake's Shoreline Rapid Assessment Model (SRAM) is a tool for quickly and objectively determining the degree of natural vegetation along a shoreline and the amount of natural buffer required to meet Ordinance requirements. With this model, the Shore Impact Zones (SIZ-1 & SIZ-2) are evaluated for natural vegetative cover and a cumulative score is tallied. Vegetative restoration that may be necessary must be performed according to Article 19.

Shoreline:

Condition of Shoreline	Score:
Stable shoreline	0
< 25% of shoreline is eroding or unstable	-1
25-50% of shoreline is eroding or unstable	-2
50-75% of shoreline is eroding or unstable	-3
> 75% of shoreline is eroding or unstable	-4

Ground cover:

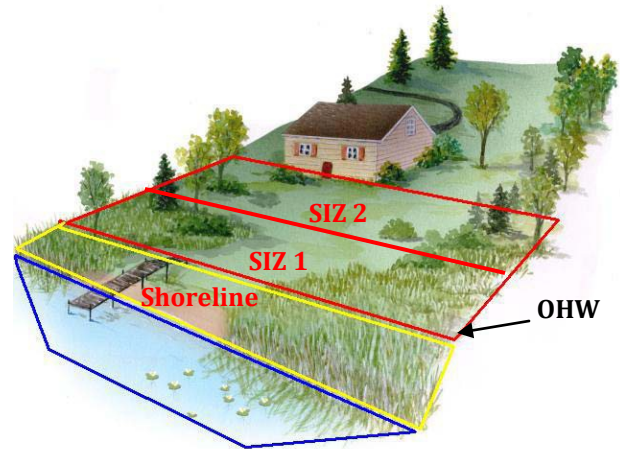
% Naturally Vegetated Cover in SIZ 1	Points:
< 25% natural ground cover	1
25-50% natural vegetative cover	3
50-75% natural vegetated cover	5
> 75% natural vegetated cover	7

% Naturally Vegetated Cover in SIZ 2	Points:
< 25% natural ground cover	1
25-50% natural vegetative cover	2
50-75% natural vegetative cover	3
> 75% natural vegetated cover	4

Trees / shrubs:

% Naturally Vegetated Cover in SIZ 1	Points:
< 25% of surface is covered by shrubs and trees	1
25-50% of surface is covered by shrubs and trees	3
50-75 % of surface is covered by shrubs and trees	5
> 75% of surface is covered by shrubs and trees	7

% Naturally Vegetated Cover in SIZ 2	Points:
< 25% of surface is covered by shrubs and trees	1
25-50% of surface is covered by shrubs and trees	2
50-75 % of surface is covered by shrubs and trees	3
> 75% of surface is covered by shrubs and trees	4



If score is 0-5:

- Leave a 20' No Mow Buffer & possible other mitigation efforts

If score is 6-10:

- Leave a 15' No Mow Buffer

If score is 11-15:

- Leave a 10' No Mow Buffer

Above buffers shall allow for an access area to lake, per Ordinance requirements

Landowner _____ Permit or Parcel Number _____

Score _____ (Max Score = 22)

Crosslake Planning & Zoning Department Staff _____