

Camelot Round Table Assoc, Inc.

Shoreline Stabilization Requirements

In January 2015, the RTA board of directors approved a policy that requires all lakefront property owners to stabilize their shoreline by 2020.

Why is this important?

To improve and maintain lake water quality by reducing soil erosion and storm water contaminants run-off into our lakes.

What shoreline stabilization methods and materials are considered acceptable?
Generally speaking approved materials include:

Rip Rap (Stone)

Formed concrete

Green treated timbers

Native plantings

To a great extent the topography of your shoreline will determine the stabilization method and materials to be used on your site.

What steps should I take to get started?

#1. Think about how you currently use your shoreline or plan to use your shoreline in the future.

#2. Consult with a contractor who has experience in shoreline stabilization to determine your specific site requirements based on shoreline slope, construction access, soil conditions, location of trees, septic system etc.

#3. Develop a design plan based on your use expectations, site characteristics and budget. Present the plan to the ECC committee through the RTA general manager prior to purchasing materials or contracting with a general contractor.

NOTE: it is highly recommended to present your plans to the ECC committee at least 90 days in advance of your proposed construction schedule.

RESOLUTION OF SPECIFICATIONS FOR SHORELINE STABILIZATION REQUIREMENTS ADOPTED BY THE BOARD OF DIRECTORS 12/21/16 AS FOLLOWS:

Prohibited Materials for new Shoreline Stabilization: Creosote Soaked Railroad Ties or Timbers, Stainless Steel.

Shoreline Slope: If less than a 25-degree (4 run/1 rise) slope vegetative (native plantings) erosion control is allowed.

If shoreline slope is between 25 degrees (4 run/1 rise) and 34 degrees (3 run/1 rise) RIP RAP* IS REQUIRED (owner may choose to utilize a sea wall)
*Rip Rap Will extend from the bottom of the lake to no less than 2 feet above normal lake level. (6-12 inch on Lake Lancelot and 3-6 inch on Lake Camelot)

Geotextile fabric will be utilized under rip rap.

If shoreline slope is greater than 34 degrees....A SEA WALL* is needed to bring the corresponding shoreline to a (4 run/1 rise) standard with vegetative erosion control incorporated.

* All Sea Walls shall have suitable footings and utilize a minimum of 1 inch weep holes located 1 foot above normal water level no more than 10 feet apart.

Sea Walls shall be back filled with dirt to a maximum of 3 inches from weep holes with 2 to 3 inch rock utilized to bring to grade or top of wall.

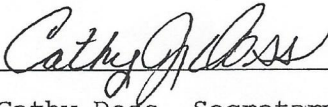
Sea Walls shall have rip rap placed on the bottom of the lake to 1 foot below the normal water level at a 45° angle as to dissipate wave energy.

Other energy dissipation sea wall designs will be considered on an individual basis by the ECC committee.

Shorelines with heavy natural vegetation in place will be reviewed individually by the ECC committee to determine if further stabilization methods will be necessary.


Resolution Adopted by the Camelot Round Table Board of Directors at a monthly meeting of the Directors on this 21st day of December, 2016.

Signed:



Cathy Doss, Secretary

Date:



CAMELOT ROUND TABLE ASSOCIATION, INC.