

**Contributing factors for allowing Properties Owners to perform Erosion Control (Rip Rap or Bermuda Sod)**

1. Properties on Main Channel of Lake
2. If the boundary line is 100 feet or less from the bank erosion
3. If erosion is more than 100 feet from the boundary line and the permit holder has a permitted Vehicle Access Trail or if there is no obstructing vegetation between boundary line and project
4. Erosion threatens property line

**Criteria for Allowing Rip Rap**

1. Bank at shoreline has eroded 3 feet or higher
2. Property is on the main channel or has a very steep bank
3. Wave action, minimal runoff from private property
4. Stabilization will minimize silt deposition problem into the reservoir
4. Minimal trees will be removed to perform work (xx per acre per project)
5. Trees will be replanted on 15 x 15 spacing in disturbed area
6. Property Owner must guarantee survival of sod or grass mixture for five years and replanted trees must be guaranteed for five years.
7. If bank has no natural rock already in place.

**Properties allowed to perform Sod Erosion Control**

1. Property is not on Main Channel of lake
2. If the boundary line is 100 feet or less from the bank erosion
3. If erosion is more than 100 feet from the boundary line and the permit holder has a permitted Vehicle Access Trail or if there is no obstructing vegetation between boundary line and project
4. Minimal rip rap stone will be placed taking up less flood storage area than placing all rip rap stone

**Bermuda Sod Information**

Bermuda Sod is a creeping perennial, deep rooted and very durable, it provides excellent erosion control. Bermuda can be mowed ½” to 2” in height, it is excellent in drought, heat and wear tolerance, has a good cold weather tolerance, and has a fast spreading rate. Bermuda sod can be planted year round. Bermuda establishes quicker if planted in the spring or summer. Sod provided a more aesthetic appearance than an eroding bank. Sod will provide safe access for the permit holder to the shoreline.