

RUTH LAKE COMMUNITY SERVICES DISTRICT
Policy Handbook

POLICY TITLE: Guidelines for the construction of recreational dock and mooring facilities

POLICY NUMBER: 6100

6100.00 This policy is intended as a general guide for the construction of recreational docks on Ruth Lake, and is to be used in conjunction with policies 6110 "Boat Docks for Recreational sub-lease holders," and 6120 "Boat Docks for businesses local to the Ruth Lake Area."

6100.10 Size and placement:

6100.11 Docks may be up to 400 square feet.

6100.12 Docks and ramps shall not extend more than 30 feet from the waters edge. Exceptions will be considered when water depths are not sufficient to allow for safe boating or swimming within thirty feet from the waters edge.

6100.13 Docks located on blind corners, high traffic areas, or in water skiing areas shall be marked on the lakeside corners with a high visibility marking system.

6100.20 Mooring systems:

6100.21 All docks must be attached to the shore or underwater with cables, anchors, or dead-mans, by at least two connections capable of controlling the lateral movement of the dock. Each connection must be capable of resisting a 4,000 lb pulling force.

Anchor cables or other securing devices shall not be attached to trees unless all of the following conditions are met: 1) the tree is alive and looks healthy, 2) it is a minimum of 30-inches in circumference (approximately 10-inches in diameter), and 3) the roots are not exposed and are securely in the ground.

Any steel post or stake must have a cap or device to ensure cable or securing device cannot slip off.

6100.22 Mooring systems must not restrict access along the waters edge.

6100.23 Mooring systems which pose a trip hazard must be well marked.

6100.24 Mooring systems shall allow for adjustment to a minus 34 foot water level from dam spillway elevation to a plus 20 foot water level.

6100.30 Floatation systems:

6100.31 Floatation design and material shall be resistant to sinking if damaged.

6100.32 Dock and gangway floatation systems shall be designed such that a 350 pound weight placed at any point on the dock or gangway shall not cause a tilt greater than one inch in one foot.

6100.33 Exposed Styrofoam is not allowed. Encapsulated Styrofoam billets which have deteriorated or broken must be replaced before Styrofoam "bb's" can enter the lake.

6100.34 The float system must be capable of supporting the entire weight of the dock without damage if beached.

6100.40 Construction:

6100.41 Materials used must be weather and corrosion resistant

6100.42 Corrosion resistant coatings must be approved for marine applications.

6100.43 Treated wood is not allowed within six inches of water.

6100.44 Docks must be constructed to withstand the rigors of beaching and strong wind and wave action.

6100.45 Decking:

6100.451 Plywood (if used) shall be 3/4 inch thick minimum.

6100.452 Use of 'two by' lumber or commercially available decking is encouraged.

6100.46 Ramp ways, Gangways, or walkways:

6100.461 Ramps shall be a minimum of 24 inches wide, and a maximum of 36 inches wide. Exceptions will be considered to accommodate wheelchairs or other special circumstances on a case by case basis.

6100.462 Any portion of a walkway or deck more than 30 inches above shore must be protected by a guardrail of a design currently approved by the Trinity County building department for decks, walkways and stairs.

6100.47 Docks shall be constructed and maintained in such a manner as to blend with the surrounding area as much as possible without interfering with safe boating concerns addressed in item 6100.13

6100.48 Docks shall be maintained to provide for the safety of all potential users, for example: no holes in the decking, no exposed nails, and no loose carpet edges.

6100.49 Design loads for docks shall reflect the Trinity County Standard for live load, wind load, and snow and ice loads and be specific to the dock location. Docks shall be designed to have a minimum Live Point Load of 400 pounds.

6100.50 Identification: All docks shall be identified with the lease number using three inch numerals and letters placed so as to be visible from the water and the shore.

6100.60 Permits, approvals, and inspections:

6100.61 Prior to the placement of a dock on Ruth Lake, The Ruth Lake Community Services District and the Humboldt Bay Municipal Water District must approve the placement and construction details of the dock.

6100.62 A written application must be made to the RLCSD containing:

6100.621 A plot plan showing the dimensions and placement of the dock and mooring system.

6100.622 A plan showing construction details and dimensions.

6100.623 A description of materials to be used.

6100.624 A time frame stating approximately when construction shall begin and complete. Projects must be completed within one year of approval.

6100.63 Cables and anchor systems, detailed in section 6100.21, must be in good condition and inspected annually by the owner. Also RLCSD will inspect all dock

anchoring systems annually.

6100.70 Supersession: This policy supersedes the RLCSD Dock Policy dated June 11, 1992, and the undated "Guidelines for Construction of Docking and Mooring Facilities."

Approved by the RLCSD Board of Directors: March 7, 1996

Approved revisions by RLCSD Board of Directors: November 12, 09

Approved revisions by RLCSD Board of Directors: November 8, 2011