

## Memorandum

Date: 02/16/2010

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Subject: 2010 Tahoe Keys Marina Angler Creel Survey.

During September 2010, angler surveys were performed at the East Tahoe Keys near the Tahoe Keys Marina in South Lake Tahoe. The purpose of the survey was to evaluate angler satisfaction and catch per unit effort (CPUE).

Angler surveys were conducted on expected high use weekend days using a stratified random sampling design to choose am and pm survey periods. A total of four weekend periods were surveyed in September 2010.

### Creel Results:

Anglers were encountered during two of the four survey periods. A total of six anglers were interviewed with a combined angling effort of ten hours for an average of 1 hour and 40 minutes spent fishing per angler. The complete fishing success recorded during the survey consisted of two Largemouth Bass (*Micropterus salmoides*) (LMB) which were caught and released and therefore unavailable to measure. A CPUE of 0.2 fish per hour was computed for the ten hours of fishing effort. All of the anglers interviewed fished the East Tahoe Keys between the boat launch and the channel to the main body of Lake Tahoe. Three of the six anglers interviewed used lures to target fish, two anglers used bait, and one used a combination of both. Three of the six anglers specifically targeted black bass, the remaining three did not target any particular species.

Satisfaction questions were asked of all anglers who participated in the survey. All six responded that they were "satisfied with their fishing experience today." The one angler who successfully caught fish also noted that he was "satisfied with the numbers and size of fish caught."

Creel survey was funded by SFRA Grant F-126-R4