State of California Department of Fish and Wildlife

Memorandum

Date: 8/8/2018

To: Sarah Mussulman

Senior Environmental Scientist Department of Fish and Wildlife

North Central Region

From: Mitch Lockhart

Environmental Scientist

Department of Fish and Wildlife

North Central Region

Subject: Hook and Line Assessment at Cody Lake, El Dorado County

On June 1, 2018 five CDFW staff, three scientific aides, and two volunteers hook and line sampled Cody Lake, El Dorado County. The purpose of the survey was to determine if fingerling rainbow and brown trout planted by CDFW in 2017 were surviving and growing. CDFW staff present for the survey included: Mitch Lockhart, John Hanson, Ben Ewing, and Michael Mamola.

Angling began about 10:30 and continued until 16:30 for an approximate total of 52 angler hours. The sampling was conducted with ultralight spinning rods and lures including Kastmasters and rooster tails. No fish were caught or captured during the survey although several rainbow trout up to seven inches were observed. In addition, rainbow trout up to six inches were observed feeding off the surface.

In conclusion, aerially planted rainbow trout have survived the 2017/18 winter at Cody Lake and have grown to at least six inches. However, because no fish were captured, it was not possible to enumerate growth of aerially stocked fingerling trout at Cody Lake. Additional surveys will be conducted in May or June of 2019 and allotments should remain unchanged until such time.



Figure 1. Shoreline view of Cody Lake looking south (8/25/2008).



Figure 2. Google Earth image of Cody Lake, El Dorado County (retrieved 8/8/2018).