



State of California
Department of Fish and Wildlife

M e m o r a n d u m

Date: February 2, 2015

To: Kevin Thomas
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From: Ben Ewing
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CA. Fish and Wildlife

Cc: Fish Files

Re: 2015 Hangtown Creek Backpack Electrofishing Survey

On January 30, 2015, four California Department of Fish and Wildlife (Department) employees conducted a backpack electrofishing survey on Hangtown Creek (El Dorado County). The purpose of the survey was to gather information on the fishery due to a sediment spill that occurred earlier in the week in the creek. A single electrofishing pass was made on an approximately 528 foot stretch of water beginning at 38.73331 N 120.76471 W at 09:01 and ending at 38.73324 N 120.76293 W at 09:45. A total of 16.6 electrofishing minutes were used to complete the pass. The location of the survey was at 2,204 feet above mean sea level (Figure 1) and the water temperature at the time of sampling was 46°F.

The shoreline of Hangtown Creek, in the survey area, was a mix of chaparral, rocks, ivy, and montane hardwood-conifers, while the creek bottom appeared mostly rock (Figure 2). Hangtown Creek is also highly channelized with a road on one side and houses on the other side. The estimated depth of the creek where the survey was conducted ranged from approximately 0.5 feet to 2.5 feet. Historically, rainbow trout (*Oncorhynchus mykiss*), Sacramento sucker (*Catostomus occidentalis*), green sunfish (*Lepomis cyanellus*), and cyprinidae species have been documented in Hangtown Creek (CDFW Files) downstream of the survey area, but this survey yielded only one crayfish.

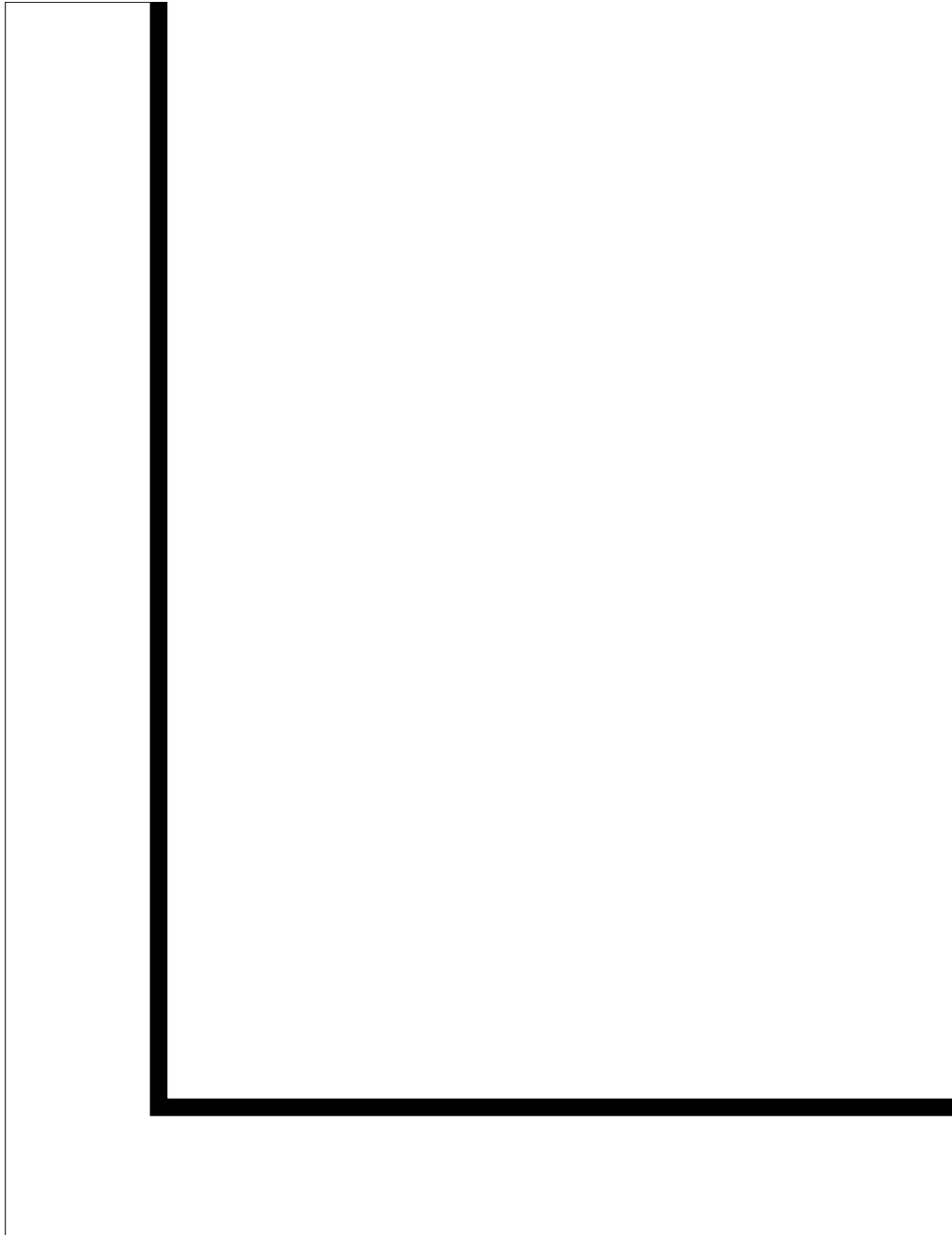




Figure 2. Hangtown Creek (J. Hanson, 1/30/2015).

