



State of California
Department of Fish and Wildlife

M e m o r a n d u m

Date: November 10, 2015

To: Kevin Thomas
Senior Environmental Scientist Supervisor
Department of Fish and Wildlife

From: Ben Ewing
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Alpine, Amador, Calaveras, and Lake Counties
Department of Fish and Wildlife

Cc: Fish Files

Re: Adobe Reservoir (Lake County) Gillnet Survey

On October 8, 2015, California Department of Fish and Wildlife (Department) personnel, along with staff from the Robinson Rancheria, conducted a gillnet survey in Adobe Reservoir (Lake County). The purpose of the survey was to determine if there were any Clear Lake hitch (*Lavinia exilicauda chi*) (CLH) inhabiting Adobe Reservoir. Currently, CLH is a threatened species under the California Endangered Species Act (CESA).

The gillnet was set at 09:41 and pulled at 17:18 (Figure 1). A total of five different species were collected including largemouth bass (*Micropterus salmoides*) (LMB), golden shiner (*Notemigonus crysoleucas*) (GSH), bluegill (*Lepomis macrochirus*) (BG), black crappie (*Pomoxis nigromaculatus*) (BCR), and brown bullhead (*Ameiurus nebulosus*) (BB). Golden shiner made up the greatest number collected with 71, followed by LMB (n=46), BG (n=31), and BCR and BB with one each.

Surface water temperature at the time of sampling was 73°F. The greatest depth found along the gillnet set was two feet.

Although the Department did not find any CLH in Adobe Reservoir that does not mean they are not present. CLH are found downstream of the reservoir but may or may not be able to migrate past Adobe Reservoir Dam.

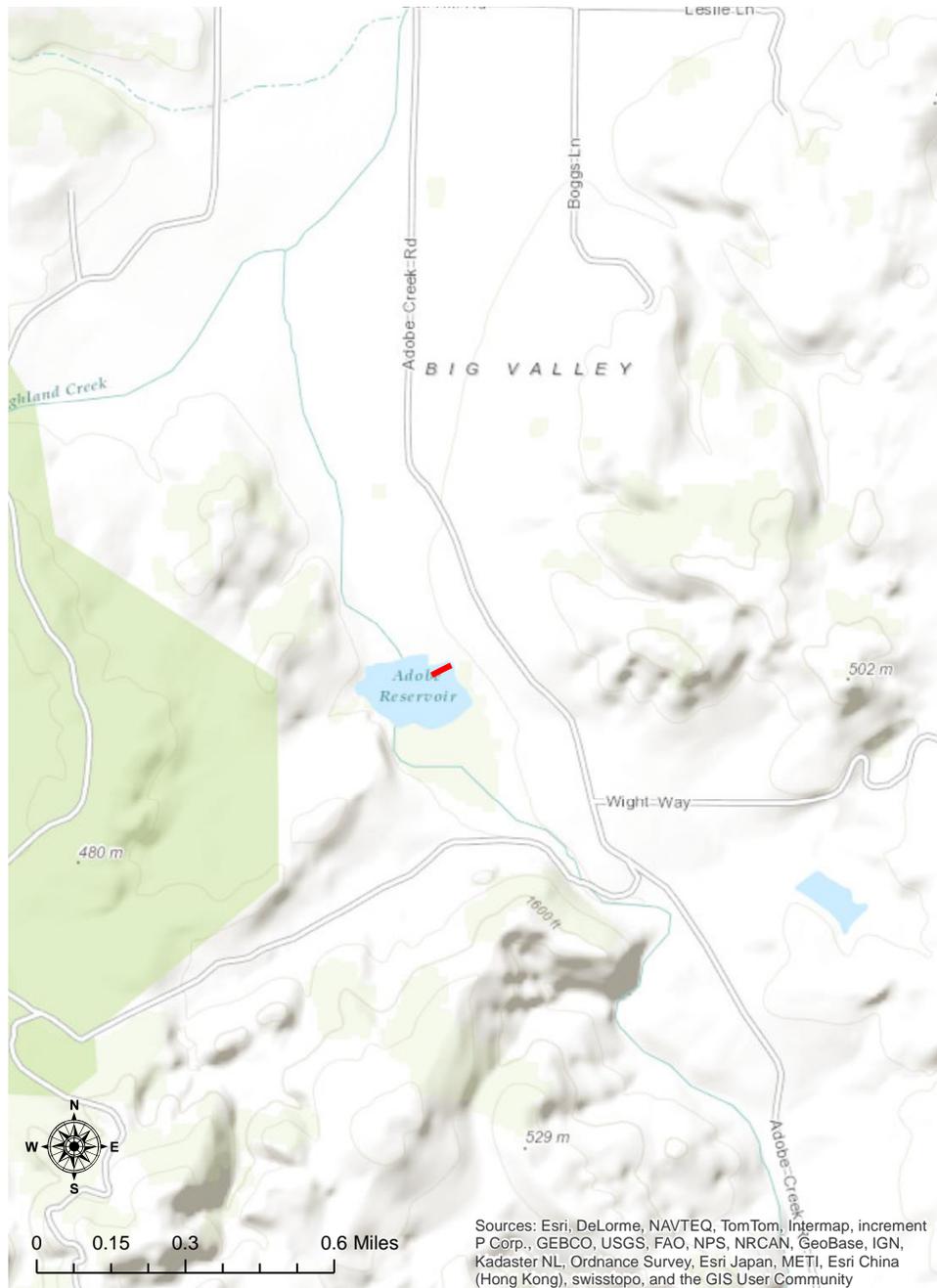


Figure 1. Adobe Reservoir (Lake County, CA)