



THE STATE  
of **ALASKA**  
GOVERNOR SEAN PARNELL

**Department of  
Fish and Game**

DIVISION OF SPORT FISH  
Research & Technical Services

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Re: Narrative for federal grant F10AP00305, Protecting habitat for coastal cutthroat through reservations of water in Southeast Alaska.

With the funding received through the Western Native Trout Initiative (WNTI) the Alaska Department of Fish and Game has began collecting the hydrologic and biological data needed to acquire legal water rights to protect natural seasonal lake levels for three trophy cutthroat trout lakes (Turner, Eagle, and Orchard) in Southeast Alaska.

In October 2010 we installed two pressure transducers on each of these three lakes. These pressure transducers have been collecting and storing lake level and water temperature data every 15 minutes since their installation.

During July 2013 we visited Turner Lake to manually measure the lake level, download the stored lake level and water temperature data, and performed routine gage maintenance. Back in the office setting this data was checked for obvious errors and entered into a database. Funding from federal grant number F10AP00305 was used to charter a flight from Juneau to Turner Lake and rent the associated US Forest Service public use cabins, at each lake, for the October 2013 site visits. This billing also includes \$320 of miscoded charges. These charges are being removed and will be reflected in the next billing.

We have now collected and downloaded two complete years of lake level and water temperature data at each lake. We have summarized this data, and submitted a reservation of water application for each lake. Each of the project lakes will be visited next during the first week in October 2013. The second phase of this project, the final two years of data collection, will begin in January 2014.