
TRIBUTARY BARRIERS PHOTOGRAPHS

2013

March 2013



**Public Utility District No. 1 of Chelan County
Wenatchee, Washington**

INTRODUCTION

This document is intended to document existing conditions occurring at the mouths of major tributaries to Lake Chelan in 2013 and compare existing conditions with those occurring between March 2008 and March 2013. Photos were taken on March 19, 2013 of conditions at First, Twenty-five Mile, Fish, Prince, and Safety Harbor creeks, and to view barrier removal and tributary mouth reconstruction efforts at Mitchell and Gold creeks. As demonstrated by the photos of Mitchell and Gold creeks, rock-weir structures installed in February 2011 to form step-pools were intact and functioning properly, thus making upstream passage available for adult trout to migrate into the creeks to spawn.

Additional photos from previous years can be viewed for comparison on the Lake Chelan implementation website under Resource Documents, Fisheries, Projects, Tributary Barriers. Photos were taken in March 2008, February 2009, April 2009, during a Lake Chelan Fishery Forum (LCFF) field trip to view conditions at tributary mouths of the major tributaries to Lake Chelan, and May 2011. As discussed in previous documents, note changes in conditions at the mouths of Fish, Prince, and Safety Harbor creeks that have been documented since 2008. The new lake level operating regime appears to be contributing to tributaries, specifically Prince, Fish and Safety Harbor creeks, being able to scour through barriers documented previously, and to maintain spring adult upstream fish passage into tributaries from Lake Chelan between lake elevations 1086 feet to 1100 feet.

Mitchell Creek



Mitchell Creek, March 19, 2013. Lake Chelan elevation: 1086.85

Mitchell Creek



Mitchell Creek, March 19, 2013. Lake Chelan elevation: 1086.85

Gold Creek



Gold Creek, March 19, 2013. Lake Chelan elevation: 1086.85

Gold Creek



Gold Creek, March 19, 2013. Lake Chelan elevation: 1086.85

Fish Creek



Fish Creek, March 19, 2013. Lake Chelan elevation: 1086.85

Fish Creek



Fish Creek, March 19, 2013. Lake Chelan elevation: 1086.85

Prince Creek



Prince Creek, March 19, 2013. Lake Chelan elevation: 1086.85

Prince Creek



Prince Creek, March 19, 2013. Lake Chelan elevation: 1086.85

Safety Harbor Creek



Safety Harbor Creek, March 19, 2013. Lake Chelan elevation: 1086.85

Twenty-five Mile Creek



Twenty-five Mile Creek, March 19, 2013. Lake Chelan elevation: 1086.85

First Creek



First Creek, March 19, 2013. Lake Chelan elevation: 1086.85