

A Summary of Timber Harvest, Conservation Efforts, and Bull Trout Population Structure and Distribution in the Upper Reaches of Hornet Creek in Central Idaho

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Hornet Creek is a tributary of the Weiser River located in central Idaho. The upper reaches of Hornet Creek and its tributaries were listed as critical bull trout habitat by the United States Fish and Wildlife Service in 2010. The majority of land within this drainage area is owned by the state of Idaho and managed by the Idaho Department of Lands for timber production. In recent years, a number of water quality monitoring projects were conducted in conjunction with timber harvest activities. Conservation strategies were developed and implemented based on the results of these monitoring efforts. In the summer of 2015, both electrofishing and eDNA sampling methods were used to describe bull trout population structure and distribution.

This presentation summarizes recent timber harvest activities, associated water quality monitoring efforts, conservation implementation projects, and bull trout populations in the upper reaches of Hornet Creek.