

**Title: Water Quality Monitoring to Assess the Effectiveness of Restoration Activities in the Salmon Creek Watershed**

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**Abstract:** The Headwaters Forest Reserve, currently managed by the U.S. Bureau of Land Management in partnership with the California Department of Fish and Game, is approximately 7,400 acres of forest. The Reserve provides critical habitat for threatened and endangered species such as Coho and Chinook Salmon, Steelhead and Coastal Cutthroat Trout, Marbled Murrelet, and the Northern Spotted Owl. The implementation of this project contributes to the on-going scientific development of turbidity threshold monitoring and methods to estimate sediment yield in a watershed. This poster presentation will summarize the site setting and data analysis conducted to date.