

# Eagle Creek Temperature Study 4th Quarterly Report, 2008

Prepared for: LMRWD  
By: Jaime Rockney, Scott SWCD



This study began in June, 2006. The purpose is to evaluate the effect Highway 101 runoff has on the temperature of DNR designated trout stream, Eagle Creek. Because Eagle Creek is a designated trout stream, temperature is a very critical variable to monitor. The optimal temperature range for trout is approximately 12 - 18° Celsius. Eagle Creek is unique because it is one of only two streams within the metro area with naturally-reproducing trout populations. The study is designed to monitor the temperature upstream of Highway 101 and compare it to the temperature downstream of Highway 101 by placing temperature loggers in the stream. Refer to the following graph to see the relationship of temperature upstream and downstream of Highway 101.

