

Quarterly Progress Report
April - June 2009

Project Name: Bull Trout Overlay Temperature Project Eastern Washington Riparian Shade/Temperature Effectiveness Project and Solar Radiation Effectiveness Shade Project
Project Status: Pre and Post harvest data collection
Contact Person: Terry Jackson, 360-902-2609, jackstbj@dfw.wa.gov
Amy Kurtenbach, 360-902-1029, amy.kurtenbach@dnr.wa.gov,
Sponsoring SAG: Riparian Science Advisory Group (RSAG)

Background

The primary objective of the solar study is to determine if the riparian prescriptions for the bull trout overlay and the standard prescriptions provide comparable protection for stream temperatures, and whether the prescriptions maintain riparian conditions that will meet water quality standards for temperature and bull trout thermal preferences. The primary objective of the shade study is to determine whether the current “all available shade” riparian rule, which relies on densiometer measurements of canopy cover, is effective at blocking solar energy from reaching the stream and preventing changes in stream temperatures.

Field data collection will be completed in the summer of 2010. Completion of the final report is scheduled for spring of 2011. Contract amendments with Mason, Bruce, and Girard (Solar portion of study) and Terrapin Environmental (Shade/Temperature portion of study) have been signed, which extends both contracts until June 30, 2011.

Current Status

Last quarter, interim reports for both the solar and shade/temperature components of the study were completed. The primary goal for the interim report is to refine the data analysis and to combine the two study components into one comprehensive final report. This quarter, questions pertaining to data analyses in the interim reports were addressed in a series of meetings with the consultants. Next quarter, RSAG will be meeting with the consultants to finalize these discussions and agree to an approach. This study is 60% complete.

Budget

Total allocated through fiscal year 2009:	\$1,584,514
Total spent through January 2009:	\$1,425,357
Total allocated budget remaining:	\$159,157
Contract end date:	June 30, 2011