

**Quarterly Progress Report  
July – September 2010**

**Project Name:** Bull Trout Overlay(Eastside Riparian Shade/Temperature) Project (Shade/Temperature Study), and Solar Radiation/Effective Shade Project (Solar Study)  
**Project Status:** Solar Study: Independent Scientific Peer Review (ISPR)  
Shade/Temperature Study: Post harvest data collection (Field)  
**Contact Person:** Amy Kurtenbach, 360-902-1029, amy.kurtenbach@dnr.wa.gov, Terry Jackson, 360-902-2609, jackstbj@dfw.wa.gov  
**Sponsoring SAG:** Riparian Science Advisory Group (RSAG)

**Background:**

Solar Study: The primary objective of the solar study is to determine if the riparian prescriptions for the bull trout overlay and the standard Washington state forest practices rules provide comparable protection for stream temperatures, and whether the rules maintain riparian conditions that will meet water quality standards for temperature and bull trout thermal preferences.

Shade/Temperature Study: The primary objective of the shade/temperature study is to determine whether the current “all available shade” riparian forest practices rule, which relies on densiometer measurements of canopy cover, is effective at blocking solar energy from reaching the stream and preventing increases in stream temperatures.

**Current Status:**

Solar Study: CMER members provided comments on a draft report, which were incorporated and approved by the consultant in September 2010. The report was forwarded to CMER and was approved for ISPR review. ISPR review and final approval of the report should be completed by winter of 2011.

Shade/Temperature Study: Field collection of data for this study was completed summer of 2010. A draft technical report for CMER review is scheduled for submittal in spring of 2011.

**Budget:**

MB&G (Solar Study):

Total allocated for fiscal year 2011: \$115,596  
Total spent this fiscal year: \$3,871  
Total allocated budget remaining in fiscal year 2011: \$111,725  
Total project cost: \$628,173.89  
Contract end date: June 30, 2011

Terrapin (Shade/Temperature Study):

Total allocated for fiscal year 2011: \$169,313  
Total spent this fiscal year: \$32,288  
Total allocated budget remaining in fiscal year 2010: \$137,025  
Total project cost: \$1,209,525.70  
Contract end date: June 30, 2011