

**Quarterly Progress Report
July - September 2011**

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: Report writing

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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: The ISPR response matrix has been given to the contractor for completion. The completed ISPR matrix should be available this October 2011 for CMER approval. The final report is scheduled for delivery to CMER by the December 2011 meeting for approval. This will be the last deliverable for this project.

Shade/Temperature Study: The contractor and members of the scientific advisory group (SAG) have been having periodic meetings to discuss the data and findings for inclusion in the draft report for SAG review. A draft technical report for SAG review is scheduled for submittal November of 2011.

Budget:

MB&G (Solar Study):

Total project budget: \$675,051.66

Total spent on project through this fiscal year: \$630,051.66

Total allocated budget remaining 2011-2013: \$45,000

Contract end date: June 30, 2013

Terrapin (Shade/Temperature Study):

Total project budget: \$1,483,704.00

Total spent on project through this fiscal year: \$1,331,406.28

Total allocated budget remaining 2011-2013: \$150,000

Contract end date: August 31, 2014