

## Quarterly Progress Report April-June 2011

**Project Name:** Buffer Integrity - Shade Effectiveness Project  
**Project Status:** Data processing, analysis and report writing  
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**Sponsoring SAG:** Landscape and Wildlife Science Advisory Group (LWAG)

### Background:

The Buffer Integrity-Shade Effectiveness project examines the effects of four levels of shade retention on tailed frog and torrent salamander density, body condition, and spatial distribution; water temperature; primary productivity; and macro-invertebrates in western Washington. This is a cooperative project between Longview Timber Corporation and CMER. Longview Timber completed a pilot study in 2003, and initiated a broader study in 2004. The CMER funded segment of this project includes seven sites on the Olympic Peninsula. CMER contracted with WDFW to complete the CMER funded portion of the study. The first and second years of pre-harvest sampling occurred in summer/fall 2006 and 2007. Treatments were implemented fall/winter 2007/2008, and the first and second years of post-harvest sampling occurred summer/fall 2008 and 2009.

### Current Status:

Data analysis and report writing was the main focus this quarter. Compilation of spatial data, maps, and metadata are about 80% complete. During review of the data analysis last quarter, several discrepancies were discovered which required data to be reconciled and re-analyzed. Data reconciliation and re-analysis was completed this quarter. The re-analyzed data has been reviewed and no additional revisions are needed. The introduction, methods, study site sections, QA/QC, protocols, acknowledgements, and literature cited sections for the final report have been completed. A complete draft of the final report will be submitted next quarter.

### Budget:

Total project budget through fiscal year 2011:	\$767,032
Total allocated for fiscal year 2011:	\$41,637
Total spent in FY 2011:	\$26,650
Total spent through March 2011:	\$752,045

Contract end date: June 30, 2011 (contract is amended annually to add budget and time as it is approved - It is anticipated this project will end on December 2012).