

Tahoe Basin Particle Size Analysis and Protocol Development

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Annual Accomplishments Update (October 1, 2008-September 30, 2009)[†]:

Water quality samples have been collected from around the Tahoe Basin for analysis of particle size distribution by various methods, which include mass distribution, particle volume distribution and particle counts. These results have been compiled and are being compared for consistency and robustness, including their relationship to methods of sample processing, holding times, organic content, turbidity, event type, and source areas. Final recommendations for analytic and reporting methods will be designed to reduce the variability typically associated with different approaches toward particle size analysis in the Tahoe Basin.

Progress Report: October 1 to December 31, 2009

Compilation of PSD data is nearly complete, pending integration of the lake dataset. Preliminary results from data analysis, methods evaluation and interlab comparisons are in preparation.

[†] This document is an intermediate progress report, not a final report; consequently, any results should be considered preliminary and should not be cited. Please contact the principal investigators or the Tahoe SNPLMA Science Program Coordinator if you have questions.