

LBR Phosphorus TMDL Target and Metric Recommendations

Instructions: As requested during the August 23, 2012 LBWC TAC meeting, please identify/modify suggested targets and metrics that you believe could be used to help quantify impairment (or lack of) for the Lower Boise River as part of the Phosphorus TMDL development, implementation, and review processes. Please send this information to Lance.Holloway@deq.idaho.gov or Troy.Smith@deq.idaho.gov by COB, September 6. DEQ will coalesce and provide information to the TAC by COB, September 20 for review and we will continue our discussion of target development at the September 27 TAC meeting.

Rationale: In working toward fulfilling our 2002 Settlement Agreement and recently-developed TMDL process improvement, DEQ, in coordination with the LBWC and other community involvement, intends to develop targets and metrics that will appropriately identify impairment in the Lower Boise River watershed as it relates to the TMDL for phosphorus. The resulting targets and metrics will be watershed specific and will account for variances in location, magnitude, duration, and frequency, helping to develop appropriate load and waste-load allocations. It is DEQ's intention to begin the process of target and metric selection afresh, and to consider all reasonable suggestions. The targets and metrics must be supportive of the beneficial use of Cold Water Aquatic Life, meet legal and regulatory obligations, and the discussion will be guided by academic research, model development, prior TMDL and other regulatory/legal precedent. For the Lower Boise River TMDL, this process will result in a robust suite of targets and metrics and will increase the fairness in identifying appropriate pollutant allocations throughout the watershed.

Thank you!

Representative:

Organization:

Date:

Target & Metric Recommendations	Target/Metric Rationale and Supporting Documentation (Academic Literature, Model Use and Development, Legal/Regulatory Requirements and Precedent, etc.)
Total Phosphorus (??? mg/L)	

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Periphyton/Benthic Algae – Biomass (??? mg Chl-1/m ²)	
Periphyton/Benthic Algae – Photo Documentation, Survey, or Other (??? measurement)	
Total Nitrogen (??? mg/L)	
Nitrogen:Phosphorus Ratio (??? N:P)	
Other Targets and Metrics (??? Measurement)	

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