

## DEQ LBR TP TMDL - LBWC Update

April 6, 2015

- ❖ DEQ provided LBWC with completed Draft TP TMDL on **November 25, 2014**
  - DEQ presented the Draft TP TMDL to the LBWC TMDL TAC on December 4, 2014
  - DEQ revised the November draft based on December 4 TAC and subsequent comments
  - DEQ provided the revised draft on January 15, 2015, presented changes to the Draft TP TMDL at the January 21, 2015 TAC meeting
  - DEQ provided the revised draft on February 27, 2015, presented changes at the March 19, 2015 TAC meeting. The TAC requested DEQ take another round of comments, revise the TMDL, and voted to send the TMDL as revised to the WAG at their April 9, 2015 meeting for discussion and vote.
  - DEQ provided the WAG the revised April Final Draft TMDL on April 6, 2015 with expectation it will be discussed and voted on at the April 9, 2015 WAG to be held at Caldwell Airport, 7:00 p.m.
  
- ❖ TP TMDL Summary:
  - ① TP TMDL is for the 2 Lower Boise River AU's that are on the 303d list as impaired for TP:
    - ① Middleton-Indian Creek
    - ① Indian Creek-Mouth
  - ① Mason Creek will be included in a LBR TMDL Tributary Addendum for the 303d listed impairment of Cause Unknown-Nutrients Suspected. This TMDL will include 5, 10, and Indian Creek (2 AUs). Sand Hollow Creek (2 AUs) will be included in a SR-HC TMDL Tributary Addendum for the 303d listed impairment of Cause Unknown-Nutrients Suspected.
  - ① Mason Creek will retain an allocation at the mouth of 0.07 mg/L year-around.
  - ① Sand Hollow Creek, because it is a tributary to the Snake River, will have an allocation at the mouth of 0.07 mg/L May-September.
  
- ❖ TP TMDL allocations in the lower Boise River are developed to meet:
  - ✓ The Snake River-Hells Canyon TMDL TP target of .07mg/L for May-September
    - ① .1 mg/L TP for WWTF, Industry, and Fish Hatcheries (PS)
    - ① .07 mg/L TP tributaries, ground water, and unmeasured (NPS) w/o NPDES (PS) flows and loads
    - ① Stormwater Wet Weather 42% load reduction (WLA)
    - ① Stormwater Dry Weather 84% load reduction (WLA/LA)
  - ✓ Nuisance algae target of  $\leq 150$  mg/m<sup>2</sup> within the two impaired AUs of the lower Boise River
    - ① .1 mg/L TP for May-Sept for WWTF, Industry, PS
    - ① .35 mg/L TP for Oct-April for WWTF, Industry, PS
    - ① Fish Hatcheries set at .1 mg/L TP year-round.
    - ① .07 mg/L TP for tributaries, ground water and unmeasured (NPS) year-round w/o NPDES (PS) flows and loads
    - ① Stormwater Wet Weather 42% load reduction (WLA)
    - ① Stormwater Dry Weather 84% load reduction (WLA/LA)
  
- ❖ DEQ released the Draft final calibrated AQUATOX Model and report on November 25, 2014
  - ① For questions regarding the AQUATOX Model/Report please contact Darcy Sharp at [Darcy.Sharp@deq.idaho.gov](mailto:Darcy.Sharp@deq.idaho.gov) or by phone at 373-0133.
  
- ❖ Information related to the TMDL development are posted on the DEQ LBR webpage:  
<http://www.deq.idaho.gov/regional-offices-issues/boise/basin-watershed-advisory-groups/lower-boise-river-wag.aspx>

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