

**STAR Meeting Action Items**  
***from 6/25/15 meeting***

Action Items to Assist Water Quality GIT

The focus of the meeting was to identify and discuss science needs (with a focus on indicators for the new Agreement outcomes) of the Water-Quality Goal Team and where STAR can help. The STAR and other science support is listed after each action. One action is to fill in matrix of WQGIT metrics (Mindy will be contacting those that will have the missing pieces)

A. Forestry:

- a. Use existing tools to look at changes in addition to using high-resolution imagery (GIS & Land Use Workgroup)
- b. Work on methods for analysis of high-resolution imagery (GIS Team & Land Use Workgroup)
- c. Ramp up forest buffer planting (have money existing)
  - i. Identification of priority areas (Peter Claggett, others?) – For example, where is sedimentation a large problem, where do brook trout need it, etc...
- d. Assess new techniques to get improved implementation of buffers (Sally, Carl H., STAR)
- e. Cross-Goal Team Issue: How can we better identify areas where forest buffers can benefit nutrient and sediment reductions and also stream temperature for brook trout?

B. Toxics:

- a. Map of impaired areas for PCBs, TMDL locations, where TMDLs are in the works (John, Mindy)
- b. Expansion to chemical contaminants indicator to all of watershed (GIS Team, help from Mindy)
  - i. How do we deal with lack of segments?
- c. Sources and Loading calculations – Can we update the '99 Joel Baker calculation? (TBD)
  - i. Extension of toxic monitoring may be needed for the calculation
- d. Concentration (fish tissue) trend analysis (TBD)
- e. Fish advisory mapping (Howard W., GIS Team)
- f. Prioritization process for next toxics to look at (discussion with STAC/STAR, Scott, Greg)
- g. How to report continued understanding? How to report this? (discussion with STAC/STAR, Scott)
- h. Cross-Goal Team Issue: How can we better identify where BMPs are being implemented for nutrient and sediment reduction and toxic contaminant benefits?

C. SAV:

- a. Continued funding needed for aerial surveys, still a shortfall for annual surveys (STAR Amigos, Greg, Rich, Bob Orth, chairs of SAV workgroup)
  - i. Follow up with Rich (Peter) & Greg (Scott)
- b. Could we lower the frequency of SAV surveys? What effects would this have? How would water quality attainment metrics be modified?

- c. Do more trend analysis with SAV (Jeni & team)
- d. Cross-Goal Team issue: SAV management strategy has an interim goal to reach 135,000 acres by 2015. Currently the WIPs do not reflect actions needed to meet this interim target. Need to have interaction between SAV WG and Water-Quality Goal Team on how to have actions in Phase 3 WIPs to help achieve SAV target.

D. Water Quality\*

- a. Are we providing the needs of the WQGIT, using monitoring data and trend analysis, for the Mid-Point Assessment (MPA)? (Jeni & Lucinda discussion)
- b. Need to better define the lag time between implementing practices and relationship with water-quality and SAV response.
- c. Incorporating sea level rise into model (Gary, Mark)
- d. Better identify products for MPA being supplied by STAR

\*STAR currently provides many actions for WQ including trends, monitoring, modeling, etc. We have a STAR workplan which lists major items that will be provided for measuring and explaining trends.