

DRAFT VERSION DATE 2013-AUG-14

Aug 30, 2013

9:00AM

TRRP Office, Weaverville

WebEx: [web-link](#)

Call in: 1-408-792-6300

code=578 255 419

FLOW WORKGROUP MEETING AGENDA

Coordinators: **Eric Peterson**
Rod Wittler

Desired Outcomes: Review and guide revision of draft proposals
Identify gaps in draft portfolio
Identify general analyses required by proposals
New workgroup coordinator

Please read/review: Proposed Hydrographs
Hydrograph portfolio

Please bring: Plans for hydrograph revision, portfolio completion, and analyses

Agenda Items

Time	Topic	Presenter
2012 Flow Scheduling		
9:00	Introductions / Action Tracker	Eric Peterson
9:05	2014 Flow scheduling process / calendar (see below)	Peterson/Wittler
9:30	Portfolio review, discussion, identification of gaps	Peterson/Wittler
10:30	Presentation of newly proposed hydrographs - geomorphic	Krause
11:00	Presentation of newly proposed hydrographs - multipeak	Naman or Alt
11:30	Lunch	
12:30	Gravel augmentation recommendations - Physical WG	Krause
12:45	Discussion – review of portfolio and proposals	Round Table
1:45	Discussion – analyses for hydrographs	Round Table
2:45	Next steps / review work assignments / find new workgroup coordinator	Peterson
3:00	Adjourn	

Outstanding Action Items

From 2013-06-12:

- All of the hydrographs used so far will be sent to the group **[completed 2013-07-29]**
- Distribute proposal package and timeline (this was already sent in Jan-Feb; it will be re-sent to make sure everyone has it) along with Peterson's timeline process/schedule. **[completed 2013-06-14]**
- Rod Wittler will send contingency instructions to CVO, eg. the rampdown rate after a gate malfunction, after the WG deliberates those instructions.

From prior:

- Wiseman said he could calculate a volume of water needed for the period October 1 to April 22 for all water years and provide the supporting template.
- James Lee will pick up on John Bair's riparian concepts and develop these into a written proposal addressing summer baseflow to be submitting in February as part of the workgroup process.
- Flow Workgroup will address the issue of managing base flow variability by considering the major issues of vegetation, fish and temperature.
- Wiseman will draft a question to the Fish Workgroup related to the effect of variable low flows (450 – 300 cfs) on spawning. The question will be circulated first to the Flow Workgroup for revision, then forwarded to the Fish Workgroup.

Proposal Process as Developed at the June Meeting:

Work Activity (present – August): We will use the same hydrograph proposal template and scheduling worksheet as we did for the WY2013 process. Please develop your individual or team draft hydrographs by reaching out to other disciplines from the start, to create the most technically sound proposals possible. Proposals should be based on 'management by objective' concepts from the Flow Study and be broken down by hydrograph components as described in the Flow Study and subsequent efforts including the tables requested for last year's proposals. *However*, proposals will include complete hydrographs with balanced water volumes to ensure that specific focal components function within a whole hydrograph. For non-focal components, approximate the ROD hydrographs by default. Draft proposals will identify both completed analyses (data and methods already known and available), and desired analyses (please identify resources needed to accomplish necessary analyses). Proposal drafts will be due to the WG Coordinator by August 8, for distribution to the WG on August 16. You will be provided with a link to the hydrographs previously developed by the Program.

Meeting (August – see doodle poll below!): The Flow Workgroup will meet to review the draft proposals, identify common components, guide revision of proposals, and categorize general analyses required by proposals. Revision will include identifying where components from multiple draft proposals might logically be combined to optimize final hydrograph proposals. Identification of needed analyses at the August meeting is requested of the WG to enable planning of those analyses for the coming fiscal year.

Work Activity (August – October): Complete/finalize hydrograph proposals for recombined hydrographs with balanced water volumes, and fully address the combined drivers/objectives/purposes/constraints.

Conference Call (November): Review completed hydrographs, prioritize hydrographs for analysis, and identify further analyses that might be needed.

Work Activity (November – December): Complete analyses of prioritized hydrographs.

Meeting (January): Update drivers for WY2014 hydrograph based on possible water year types and range of available hydrographs. Identify WY-specific fine-tuning .

Work Activity (January-February): any action items from January meeting)

Meeting (ca. Feb. 25th): Determine which hydrographs to forward to TMC and succinctly describe hydrograph priorities (e.g. a decision tree), providing single hydrograph for each of the possible water year types based on current basin hydrology.

TMC Meeting in March: Review and/or approve Flow Workgroup's hydrographs.

Backup Flow WG meeting in March: if TMC requests further technical information from the Flow Workgroup.