

Basin Study Work Group Steering Committee (BSC) Meeting

November 30, 2015, 1:00 pm - 3:00 pm

DeArmond Room, Deschutes Services Building, 1300 NW Wall Street, Bend, OR 97701

MEMBER ATTENDANCE

Shawn Gerdes, Arnold Irrigation District
Mark Reinecke, Avion Water Company
Betty Roppe, Central Oregon Cities Org.
Dave Dunahay, Central Oregon Fly Fishers
Craig Horrell, Central Oregon Irrigation District
Betty Roppe, City of Prineville
Chris Gannon, Crooked River Watershed Council
Tod Heisler, Deschutes River Conservancy
Mike Britton, North Unit Irrigation District
Mike Kasberger, Ochoco Irrigation District
Ellen Hammond & Margaret Matter, Oregon Department of Agriculture
Ken Mulenex, City of La Pine

Kyle Gorman, Oregon Water Resources Department
Bob Spateholts, Portland General Electric
Suzanne Butterfield, Swalley Irrigation District
Marc Thalacker, Three Sisters Irrigation District
Mike Tripp, Trout Unlimited
Peter Lickwar, U.S. Fish and Wildlife Service
Jeff Wieland, Upper Deschutes River Coalition
Ryan Houston, Upper Deschutes Watershed
Rex Barber, Water for Life

MEMBER ATTENDANCE BY PHONE

Adam Sussman, City of Bend
Richard Ladeby, City of Madras
Deepak Sehgal, Confederated Tribes of Warm Springs

Member Organizations Not Present:

Bend Paddle Trail Alliance
City of Redmond
Deschutes County
Lone Pine Irrigation District
Native Reintroduction Network
Natural Resources Conservation Service
Oregon Department of Environmental Quality
Oregon Land and Water Alliance
Tumalo Irrigation District
U.S. Bureau of Reclamation
U.S. Forest Service
WaterWatch of Oregon

Also Attending:

Harmony Burrigh, Oregon Water Resources Department
Gail Snyder, Central Oregon Land Watch
Steve Shropshire, Jordan Ramis PC
Jonathan LaMarche, Oregon Water Resources Department

Brett Golden, Deschutes River Conservancy
Anna Pakenham, Oregon State University
Phil Chang, Senator Merkeley Office
Brandon Mahon, Anderson Perry & Associates
Bea Armstrong, Deschutes River Conservancy
Shon Rae, Central Oregon Irrigation District
Brad Houslet, Confederated Tribes of Warm Springs
Jim Powell, Citizen

In addition, Mike Relf, Bureau of Reclamation Basin Study Project Manager attended by phone. Niklas Christensen, Water Professionals Network Technical Director attended. Kate Fitzpatrick, Deschutes River Conservancy, attended as Process Coordinator. Kelsey Wymore, Deschutes River Conservancy, attended and recorded meeting minutes.

AGENDA

The group used the following agenda as a guide:

1. Welcome, introductions and minutes.
2. Study Element Updates
3. BSC Schedule Highlights
4. Communications Update
5. OSU Research
6. Public Comment

WELCOME, INTRODUCTIONS, AND MINUTES

BSC Chair Craig Horrell welcomed the group and asked everyone to introduce themselves. He informed the group that Farmers Conservation Alliance won't be at today's meeting due to illness to give their presentation. Niklas will provide a brief overview of their work, but the full presentation will occur at a later date.

Ken Mullenex, Mayor of La Pine, is attending as an interested member.

Betty motioned to approve November 3rd meeting minutes, Chris Gannon seconded. Approval of meeting minutes – **ALL GREEN CARDS**

STUDY ELEMENT UPDATES

Mike Relf gave a presentation over speaker phone on Bureau of Reclamation task updates (Presentation attached to email as PDF):

- The Basin Study can use the technical memo prepared for the Columbia River Basin Impact Assessment as a reference for the climate projection approach.
- USGS is busy working on the GSFlow modeling; unregulated Crooked River flows have been generated by the VIC model; and Jennifer is currently working on calibrations to the Water Resource model.
- The CMIP5 Models of Basin Temperature and Precipitation have generated potential monthly changes in basin temperature and precipitation.
- The Crooked River Graph shows unregulated flow downstream from Prineville near Opal Springs

- Mike presented a draft approach to the storage assessment:
 - Phase I:
 - Working Group, plus outreach, to identify concepts for Upper, Deschutes and Whychus; Mike will develop a literature review and summary memo for the Upper Deschutes.
 - Qualitative assessment of options by Working Group in the Crooked and Whychus.
 - Phase II: Basin specific follow up on planning level assessment for Upper Deschutes (\$40K for one selected site), approach to be developed in Phase I for remaining and available budget for Crooked and Whychus.

Members were asked to consider this assessment as a starting point for a longer discussion. Mike will send out an email in the next few weeks soliciting concepts and will frame up a Storage Assessment Working Group meeting targeted for the second week in January (Kate will send a doodle to BSC soon). The intention is for this Working Group to be broad to include all interested concepts.

STUDY ELEMENT UPDATES

Niklas will review updates, schedule for presentations to BSWG, and the discussion of WCA #1 and #2.

- WCA Task 1. Literature Review: Completed
 - Next steps are to finish reports for each district by end of December. This will be presented in February.
- WCA Task 2. Signed contracts with all 8 Deschutes districts: Completed (one is still in final steps of finalization)
 - Next steps: refine work plan, meet with managers, interview stakeholders and complete modernization strategy.
- Upper Deschutes Ecological Assessment: Completed field work for Upper Deschutes Ecological Assessment and data processes.
 - Next steps: coordination on Habitat Suitability Criteria (HSC).
 - HCP Workshop on January 12, 1-4 PM at the USFS Deschutes Forest Service Building.
- Legal, Policy and Socio-Economic Assessment: Completed: compiled and documented municipal, quasi-municipal and instream water rights/use
 - Next steps:
 - Compile irrigation and hydropower water rights/use
 - Develop draft tech memo (water rights/use and desired outcomes)
 - Compile spreadsheet of data for Reclamation
- Middle Deschutes and Whychus Temperature Assessments: Completed: compiled data (through WY 2014), developed procedure in R, completed preliminary analysis
 - Next Steps:
 - Analysis for internal review: December 18
 - Submit draft analysis/memo to Technical Working Group by February 28

- Technical Working Group meeting in mid-March
- Submit final analysis/memo by March 31
- Present to BSC in April

Niklas gave an overview of the regression evaluations used for the Crooked River. He described the source of data, calculations and results. He noted that the regression evaluations are based on historic numbers, not on future forecasts or projects impacting the Crooked River.

A member would like to see how the regression analysis relates to goals and see less of the data analysis process in the steering committee meeting. Another member thought the information level was informative and important for everyone to see at this point in the BSWG process. Several members commented that it would have been useful for a technical group to see this and vet it before it came to BSC.

BSC SCHEDULE HIGHLIGHTS

Kate is keeping track of the Technical Working Group members. Email her if you would like to be added to any group to ensure you receive communications about meetings. She announced the upcoming workshops for the group to be aware of:

- Jan 12th is the Upper Deschutes River workshop.
- Jan 13th is the Crooked River temperature-flow assessment workshop.
- A doodle will be circulated soon to set a Storage Assessment workshop for that same week.

The Planning Team proposed canceling the Jan 4th meeting.
Cancel the Jan 4, 2016 BSC meeting – **ALL GREEN CARDS**

COMMUNICATIONS UPDATE:

Adam, Kate and Shon presented to the Central Oregon Cities Organization November 16th. This group will be presenting to the City of Prineville on December 8th. Other group presentations are in the works. A member requested the PowerPoint be vetted with BSC before we use it far and wide. The communications subgroup will make some refinements and bring the PowerPoint through the Planning Team and BSC. The subgroup is also working on a 4-page document describing the Basin Study for outreach use as well that it will bring to this group.

There was a question on how we are communicating about what happens after the Basin Study. Kate clarified that the study is generating the information needed and a range of solutions and trade-offs. After the study, basin stakeholders can use this information to guide long-term water management decisions in the basin.

OSU RESEARCH

Anna gave a brief overview of her PhD research about evaluating adaptive governance capacity relating to vulnerability at the watershed level. She asked BSWG members to respond to a survey she will be emailing to them after the meeting.

PUBLIC COMMENT

There was no public comment.

NEXT STEPS

The next meeting is February 2, 2016 from 10-Noon. Location is Deschutes County DeArmond Room.

Meeting adjourned by Craig Horrell.

MEETING EVALUATION

Members were provided forms on which to write one piece of feedback about what they liked about the meeting, indicated below with a plus symbol (+), and one piece of feedback about what they would like to change for the next meeting, indicated with a delta symbol (Δ). Each check mark (✓) indicates that someone repeated an item. The following comments were received.

+	Δ
<ul style="list-style-type: none"> + Good presentations + Presentation about temperature data on Crooked River was very interesting + Very informative + Speaker was easy to hear on the speaker phone + Good agenda and adhered to + Helpful presentations 	<ul style="list-style-type: none"> Δ Need to use fewer abbreviations in presentations Δ May need longer meetings Δ Several people at the table speak too softly Δ Some confusion about how we move forward and communicate

ATTACHMENT 1: BSC ACTIVE MEMBERS LIST

From Section 3.a of the Charter: “If a member organization does not participate in decision-making at two consecutive meetings by attendance or by email (see 4.a.vi), that organization cannot participate in decision-making until after it participates at two of the prior four meetings.”

Organization	8/4/15	10/6/15	11/3/15	11/30/15
Arnold Irrigation District	P	P	P	P
Avion Water Company	P	P	P	P
Bend Paddle Trail Alliance				
Central Oregon Cities Organization	P	P	P	P
Central Oregon Flyfishers	P	P	P	P
Central Oregon Irrigation District	P	P		P
City of Bend	P	P	P	P
City of Madras	O	P	O	P
City of Prineville	P	P	P	P

City of Redmond		O	O	O
Confederated Tribes of Warm Springs		P	P	P
Crooked River Watershed Council	P	O	P	P
Deschutes County	P	P	P	
Deschutes River Conservancy	P	P	P	P
Lone Pine Irrigation District	P	P	P	
Native Reintroduction Network	P	P	P	O
Natural Resources Conservation Service	P	P	O	O
North Unit Irrigation District		P		P
Ochoco Irrigation District	P	P	P	P
Oregon Department of Agriculture		P	P	P
Oregon Dept. of Environmental Quality		O	P	O
Oregon Land and Water Alliance	O	P	P	
Oregon Water Resources Department	O	P	P	P
Portland General Electric		P	P	P
Swalley Irrigation District	P	O	O	P
Three Sisters Irrigation District	P	P	P	P
Trout Unlimited		P	P	P
Tumalo Irrigation District	P	P		O
U.S. Bureau of Reclamation	P	P		
U.S. Fish and Wildlife Service		P	P	P
U.S. Forest Service	P	P	P	O
Upper Deschutes River Coalition	P	P	O	P
Upper Deschutes Watershed Council	P	P	O	P
Water for Life	P	P	O	P
WaterWatch of Oregon		P	O	O