

## Methow Restoration Council

September 20, 2016

### Participants:

Name	Organization/Affiliation
Brendan Dilloughery	NRCS
Brian Fisher	MSRF
Chris Butler	Yakama Nation
Hans Smith	Yakama Nation
Jacqueline Wallace	Trout Unlimited
Jarred Johnson	Yakama Nation
Jennifer Molesworth	Bureau of Reclamation
Jessica Goldberg	MSRF
Joy Juelson ( <i>site visit only</i> )	UCSRB
Kirsten Kirkby	CCFEG
Matt Shales ( <i>site visit only</i> )	CCFEG
Paul Wagner	Colville Tribes
Rob Crandall ( <i>site visit only</i> )	Methow Natives
Robes Parrish ( <i>site visit only</i> )	USFWS
Susan Crampton	Local Citizen

### Roundtable

Paul Wagner – Colville Tribes: we have 11 projects running in the Methow now, and I'm working to get contracts in place for projects that need to be completed before winter.

Jacqueline Wallace – TU: I'm working with a few landowners to switch from instream diversions to wells. We are still working to move forward on the Barkley irrigation project, and also working to support the Methow Headwaters Campaign.

Hans Smith – Yakama Nation: we got our bridge out at Newby Creek. We finished the Twisp Ponds Left bank project, working on vegetation. We will be working on Newby and upstream of there on the Horseshoe side channel project next year, and also hope to do Big Valley next year. We are also working with the Forest Service on the Forest Health Collaborative; USFS has prioritized the Twisp for a similar treatment as the Mission. We are assisting with some of the field surveys for the Aquatic Landscape Evaluation, which kind of dovetails on the reach assessment we did, and we will be looking at tributaries and extending up to the headwaters from Newby creek.

Jacqueline – what are the boundaries of the priority area?

Hans – the Twisp exclusive of Buttermilk, which is in the Mission.

Brian Fisher – does the area include Little Bridge Creek?

Hans – yes.

Hans – the advertisement for the position to replace my previous role here closes tomorrow; it looks like we have a lot of applicants.

Fawn Creek and Weeman – we are doing a lot of landowner outreach, we are working on designs for habitat restoration from Fender Mill to almost up to the MVSTA bridge across the river. We are working on survey/modeling and concepts for potential projects. The RA identifies many opportunities. A lot of

complexity in the area. A lot of work up the Twisp, Chewuch, and Upper Methow. We are also still talking to landowners in the M2.

Early Winters Campground – we are doing some restoration there and dealing with erosion from the road in partnership with the Forest Service next year.

Jennifer Molesworth – I have the PWI file cabinet in the RiverBank basement that includes a lot of the work they did in that reach and the Chewuch in the late 90s, that is available for people who want to look at it. Wood counts, reach assessment, other data. A lot of good information, and includes the mainstem of the Chewuch, the Twisp River, and Early Winters.

Brian – the PWI data is from 1997 through about 2002.

Brendan Dilloughery – NRCS: I am interning with NRCS in Okanogan, interested in watershed restoration, so I'm here to learn. Not doing any specific projects yet, but may be working with someone on the conservation district. It is a four month-long internship.

Kristen Kirkby – CCFEG: Silver is just about done, all the plants are in, and most of the fencing is done. We have a couple of FFFPP projects in the Okanogan. Last week we got out with Cardno to finish up the data collection for the Twisp to Carlton RA.

Hans – will there be another presentation for the RA?

Kristen – yes

Jennifer – will you be doing data collection for the Burns Garrity reach?

Kristen – yes, this fall with Reclamation, bathymetry

Jarred Johnson – Yakama Nation: we will be doing the LiDAR flights for the Beaver creek RA, which should be wrapped up this winter. Goes up to the Lightning Creek confluence. We will present on that again when it's done.

Hans – we are also going to look at project opportunities in the Poorman Creek area, coordinating with MSRF the landowner.

Chris Butler – Yakama Nation: the Chewuch Transportation Plan Decision is done. USFS is going to start addressing roads, starting mainly in the Eightmile. A scoping letter should be send out soon for NEPA for the RM 15.5-20 projects. We hope to have a decision by next spring, and to start implementation next year. Project design hasn't changed too much from the conceptual designs that we showed previously. It's a two to three year phase situation. For the Twentymile fan, the decision was to do nothing at this time. The Forest Service is going to bring in some geotechs and engineers to look at it, and we've offered to assist; we would have to go back to the table and start over.

Hans – we know they've decided not to remove the road, but they could change the maintenance level or move it to allow fan restoration. They will bring in another RAT team (Restoration Assistance Team) to assess it. Last time they didn't have a geomorphologist.

Jennifer – that area should be a giant wetland; the habitat potential is quite high.

Susan Crampton – why can't there be a bridge there?

Hans – we're exploring options there, it's a long fan, and there isn't just one channel there.

Chris – the Forest Service got many public comments from people who were against removing the road there.

I am also meeting with WDFW for potential project work on their lands downstream, both at RM 9 and RM 4.85.

Jennifer Molesworth – Reclamation: we will be helping with Twisp River Floodplain Phase II design, and we are working on Barkley Bear design/planning. MSRF finished construction at Twisp River Floodplain Phase I this year.

Reclamation has contracted with Inter-Fluve, which has subcontracted with Tracy Hillman to create a document to go over all of the monitoring work that Reclamation has funded over the years. They are compiling and collecting that information now. They came out for a field visit in August to look at the projects in the M2, working with Ryan Bellmore and Joe Benjamin on their Aquatic Trophic Productivity (ATP) model, and they are compiling a list of all of the projects in the Methow, including some pre-BiOp that were really important restoration actions that haven't previously been captured. They are developing a database of all known monitoring and restoration literature that pertains to the Methow. They are also doing a PIT tag analysis of survival. They will be putting it all together into a document where Tracy and Grace Watson will be the primary authors. They will be ready this winter with a draft.

Jacqueline – are they including only projects that Reclamation is involved in, or all projects?

Jennifer – all projects in the Methow, and they are using HWS as a starting point?

Hans – have them call us

Discussion – new BiOp, action agencies are working on that, will be working with project sponsors to get local view. All things about metric credit, underlying philosophy, all are kind of up for discussion/change. Many issues/things to consider.

Discussion – Corps Restoration Programmatic,

Jennifer – the next IT meeting next week in Wenatchee, UCSRB will be talking about what they are doing to assist with planning. Should be a good meeting. Agenda looks good.

Brian Fisher – MSRF: we're in the final stages at the Twisp Floodplain Phase I project, planting and fencing. We're starting to move forward on the Phase II working with downstream and across the river properties. We are continuing to work on the Barkley Bear project, and all of the neighbors around the current headgate are excited to see something happen. We are also doing monitoring and adaptive management on past projects in M2 and Beaver Creek. Fish passage at the Batie diversion is becoming an issue. We are also working on a habitat assessment on Frazer Creek and the last two road crossings, which are held up in consultations.

***[Adjourn to site visit to Silver Side Channel Project]***

**Next MRC October 18**

<b>Definitions of Commonly used Acronyms</b>	
AEM	Action Effectiveness Monitoring
ANS	Aquatic Nuisance Species
AREMP	Aquatic and Riparian Effectiveness Monitoring Program
BACI	Before, After, Control, Impact (study design type)
BEF	Bonneville Environmental Foundation
BO/BiOp	Biological Opinion
BPA	Bonneville Power Administration
CAC	Citizens Advisory Committee (for SRFB funding applications)
CAO	Critical Areas Ordinance
CBFWA	Columbia Basin Fish and Wildlife Authority (pronounced "cubfwah")
CCFEG	Columbia Cascade Fisheries Enhancement Group
CCT	Colville Confederated Tribes
CHaMP	Columbia Habitat Monitoring Program
CMZ	Channel Migration Zone
CREP	Conservation Reserve Enhancement Program
CSF	Community Salmon Fund
EDT	Ecosystem Diagnosis and Treatment
ESA	Endangered Species Act
FCRPS	Federal Columbia River Power System
FFFP	Family Forest Fish Passage Program
FIA	Forest Inventory and Analysis program (USFS)
Four "H"s	The four factors affecting salmon recovery: Hatchery, Hydro, Habitat, Harvest
HACCP	Hazard Analysis and Critical Control Point
HGMP	Hatchery Genetic Management Plan
HPA	Hydraulic Project Approval
HSRG	Hatchery Scientific Review Group
HWS	Habitat Work Schedule
IMW	Intensively Monitored Watershed
IS	Implementation Schedule
ISEMP	Integrated Status and Effectiveness Monitoring Project
ISRP	Independent Scientific Review Panel
IT	Implementation Team
LW/LWD	Large Wood/Large Woody Debris
M2	Middle Methow (a project area defined as the reach between Winthrop and Twisp)
MaDMC	Monitoring and Data Management Committee (pronounced "madmac")
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MRC	Methow Restoration Council
MSRF	Methow Salmon Recovery Foundation (pronounced "em-surf")
MVRD	Methow Valley Ranger District
MWC	Methow Watershed Council
MYAP	Multi-year Action Plan (also sometimes called the 3-year workplan)
NFF	National Forest Foundation
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NPCC	Northwest Power and Conservation Council

OCD	Okanogan Conservation District
OBMEP	Okanogan Basin Monitoring and Evaluation Program
OWL	Okanogan Wilderness League
PCSRF	Pacific Coastal Salmon Recovery Fund (pronounced "Pacsurf")
PHABSIM	Physical Habitat Simulation
PIBO	PACFISH/INFISH* Biological Opinion
PNAMP	Pacific Northwest Aquatic Monitoring Partnership
PUD	Public Utility District
QAQC	Quality Assurance, Quality Control
RA	Reach Assessment
RCO	(Washington State) Recreation and Conservation Office
REI	Reach-based Ecosystem Indicators (used in Reach Assessments)
RFEG	Regional Fisheries Enhancement Group
RFP	Request for Proposals
RM	River Mile
RPA	Reasonable and Prudent Alternative(s)
RTT	Regional Technical Team
SEPA	State Environmental Policy Act
SMP	Shoreline Management Plan
SOAL	State Owned Aquatic Lands
SOW	Statement of Work
SPIF	Specific Project Information Form (used with the Corps ESA programmatic)
SRFB	(Washington State) Salmon Recovery Funding Board ( pronounced "surfboard")
SRP	State Review Panel (for SRFB funding applications)
STEM Database	Status, Trend and Effectiveness Monitoring database at NOAA's Northwest Fisheries Science Center
UCSRB	Upper Columbia Salmon Recovery Board
TRT	Technical Recovery Team (NOAA)
USFS	US Forest Service
USGS	US Geological Survey
VSP	Viable Salmonid Population
WAT	Watershed Action Team (the MRC is our WAT)
WDFW	Washington Department of Fish and Wildlife
WDNR	Washington Department of Natural Resources
WNFH	Winthrop National Fish Hatchery
WWP-TU	Washington Water Project of Trout Unlimited
YN	Yakama Nation

\*PACFISH/INFISH The PACFISH/INFISH Biological Opinion (PIBO) Effectiveness Monitoring Program was initiated in 1998 to provide a consistent framework for monitoring aquatic and riparian resources on most Forest Service and Bureau of Land Management lands within the Upper Columbia River Basin.