



Jeff Oveson - Accountability Report

October - November 2018

Reporting Guidelines (questions to consider as you prepare your report)

Describe what you did, when and how you are supporting your partners? What was the end product? How did you share the product with local and external basin partners? How would those partners describe the value and their satisfaction of the services provided? Please list specific examples as outlined below.

The Executive Director supervises and directs all activities of the GRMWP staff including accomplishment of all of the work elements delegated to various staff. The Director accomplishes Work Element "Regional Coordination" which includes coordination, committee participation, task force participation, recovery planning and other participation. Agencies, groups and processes the Director is involved in include the OWEB Rules Advisory Committee, OWEB Outreach Program Committee, Title II Resource Advisory Committee, the Oregon Governor's office, regulatory agencies, NPCC and NPCC staff.

Narrative Summary: (Describe how GRMW as an organization is meeting its contractual milestones & deliverables including watershed coordination, Atlas development, project review & selection, etc in collaboration with Basin Partners and BPA)

At the November 27, 2018 GRMW Board of Directors meeting, several projects were recommended for funding. Each of these projects was reviewed by IT from respective basins prior to being brought before the Board. Even with numerous questions from some Board members, all proposals were recommended for funding, largely because they were developed in concert with IT and/or OWEB FIP Core Partners and based on establish priorities in Atlas documents from both Union and Wallowa Counties. Wallowa Atlas is coming along slower than predicted, but headway is being made. Coby, with the support of David Kaplowe, will be introducing the Atlas Operating Guidelines at their next meeting, relying heavily on the CC/UGR Guideline. I know it wasn't a high priority for BPA to complete an Atlas for the Wallowa and Innaha basins at this time, but we appreciate their support and guidance during the process. Atlas influence was noted in the review and selection of projects during the Fall 2018 submissions from Wallowa County, even though the Atlas process is short of being complete. Doug Knapp and Sean Welch also made contributions that were helpful along the way, so thanks to both of them as well.

Challenges/Risks: (Identify any major challenges/risks, how you are addressing them and if you need BPA assistance)

I've mentioned this in a prior report, but Cultural Resources clearance i.e. State 106 permits, are becoming increasingly difficult to acquire. Adding to the frustration of the difficulty is that the standards seem to change almost weekly, with no consistency. The result is significant added cost to project planning and implementation and delayed implementation of projects. Rock Creek and Bird Track Springs, as well as the Whiskey Creek project, are all examples of projects that have been delayed at least one year

because of CR issues. When we hear from a BPA employee that the implementation budget for a project is somehow tied to how much should be spent on CR compliance, it's obvious the standard for clearance is arbitrary, not to mention onerous. GRMW has invited CR folks from BPA and CTUIR to meet with the UGR/CC IT to discuss the issue. We will be trying to get them to commit to some set of consistent standards for clearance, but I'm not hopeful.

Lessons Learned: (Describe organizational successes and/or opportunities for improving GRMW performance including support of your partners)

Earlier this week, Katie Frenyea of NPT and Coby Menton of our staff were together able to submit the top two ranked implementation project proposals and the top two ranked T/A proposals in OWEB Region 5. These recommendations from the OWEB Regional Review Team will go to the OWEB Board, where they are likely to be funded. The total sum of \$700,000+ will be coming to Wallowa County to help fund watershed restoration projects planned by us and our partners. One of the T/A projects is Lostine River Mile 5.7 (commonly referred to as the Lostine Town Project or LTP). As of now, GRMW is the project sponsor, simply because the landowners came to Coby looking for help. They said they had talked with everyone they could think of, including NRCS, SWCD, Wallowa Resources, and others (they did not specifically mention any ODFW personnel, but said they had talked with ODFW) and got no one's attention. When the GRMW Board voted to support \$25,000 toward a T/A grant to fund design, ODFW objected to the idea of GRMW being a project sponsor. ODFW Grande Ronde Fish Habitat Program is in no position to take on this project. There are 10 landowners involved, which will mean a lot of delicate negotiating to keep them all on board while trying to meet a variety of objectives for individuals and still design a great habitat project. I personally don't see Colleen or Winston being well suited to that task. Coby is talking with Katie about the possibility of NPT Watershed becoming the project sponsor. She has already met with all the landowners in the original landowner meeting and they are aware that she would be involved, so I don't think it would be a big leap if she became the lead. Nevertheless, I think we can expect more objections from ODFW, specifically Nick Myatt, although he has not contacted me directly.

List Monthly Training & Travel:

Went nowhere, but I will be in coming months, and BPA won't be expected to pay for it! This will probably be my last Accountability Report, barring something earth shaking.



Staff - Accountability Report

October - November 2018

Reporting Guidelines (questions to consider as you prepare your report)

Describe what you did, when and how you are supporting your partners? What was the end product? How did you share the product with local and external basin partners? How would those partners describe the value and their satisfaction of the services provided? Please list specific examples as outlined below.

Staff

Connar Stone, Alex Towne, Jesse Steele, Coby Menton, Mary Estes

A. 165: Assist GRMW partners to complete environmental compliance requirements for GRMW-funded projects (as requested)

(A. 165) 5. Cultural Resource surveys and reports

- Jesse Steele - Week 1 of November: Coordinated with BPA and Bruce Wolmack (Rockeye CRM) to finish some pedestrian surveys on Whiskey Creek. It was determined there was some small spots missed the first time (i.e. staging area, access road, extending survey 150 meters downstream of last structure).
- Jesse Steele - Week 5 of October: More coordination with contractor, landowner and BPA staff on CR work on Whiskey Creek.
- Jesse Steele - Week 4 of October: Conference call with Aaron Naumann on the Whiskey Creek CR.
- Jesse Steele - Week 3 of October: Whiskey Creek CR call with BPA staff. Provided shapefiles and site forms to Jenna.
- Jesse Steele - Week 1 of October: Coordinated with the landowner for Whiskey Creek cultural surveys and on-site meeting.

B. 191: GRMW Grande Ronde & Imnaha Basin Watershed Coordination

(B. 191) 1. Coordination with state and federal agencies, tribes, county governments, Soil Water Conservation District's (SWCD's), environmental organizations and landowner groups within the Grande Ronde Basin

- Coby Menton - Week 4 of October: At the request of GRMW and as required by BPA compile and report all cost share information as it pertains to projects funded and/or implemented by GRMW in Wallowa County. GRMW continues to sponsor the stream flow gauging program in the GRB and cost share partners include OWEB, OWRD and BPA. Each program contributes roughly equal to this program where OWEB contributes \$50,501, OWRD contributes \$48,000 and BPA contributes \$50,510; all annual contributions for FY2018. the other project constructed in Wallowa County in FY18 is Wallowa Baker and ODFW Habitat has provided that information to GRMW.

- Coby Menton - Week 2 of October: With GRMW staff prepare for and attend GRMW annual meeting. This years meeting was well attended including GRMW BOD, OWEB, EOU, livestock producers, GRB restoration partners and others. The theme of this years meeting was monitoring and livestock grazing. Hearing from ranchers and grazing researchers was valuable and perhaps indicates that stream restoration and ranching can co-exist.
- Jesse Steele - Week 3 of November: Coordinated with OWEB FIP Core Partners on finalizing our Biennium 2 written report and the January OWEB Board presentation.
- Jesse Steele - Week 2 of November: Sent draft OWEB FIP Biennium 2 written report to partners for their input.
- Jesse Steele - Week 5 of October: Met with La Grande High School teacher to coordinate growing native shrubs for restoration projects.
- Jesse Steele - Week 2 of October: Phone call with folks from Floodplains By Design to discuss their outreach strategy to get ideas for outreach in the Grande Ronde Valley.
- Jesse Steele - Week 2 of October: Work on OWEB FIP Biennium 2 written report.
- Jesse Steele - Week 1 of October: Met ODFW Fish Research on Catherine Creek to determine a good location for a PIT Tag array. The array will part of the OWEB FIP monitoring.
- Connar Stone - Week 5 of November: It seems CTUIR is having some trouble with utilizing the new FTP due to the TLS handshake failing between our server and theirs. I have contacted Matt Underwood who manages the network at CTUIR and together we are trying to resolve the issue without sacrificing CTUIRs standards for network security.
- Connar Stone - Week 3 of November: Coordinated with Allen Childs and Jake Kimbro to perform a flight on Rock Creek and Bird Track Springs next week.
- Connar Stone - Week 1 of November: Andrew Dutterer generated an email asking for feedback and edits on a policy document regarding the use and purchase of drones and drone-related equipment through OWEB. I reviewed the document and provided feedback/comments for Andrew.
- Connar Stone - Week 3 of October: Bobbi Riggers had a follow-up question concerning the reported cost metrics on the Beaver Creek Dam Fish Passage project. I directed her question to Stephanie O'Brien with Anderson Perry to resolve the query.
- Connar Stone - Week 2 of October: Bobbi Riggers with OWEB contacted me for a more detailed map of limber jim which better demonstrated the work accomplished there. After looking through our files for Limber Jim, I found a map that suited the request and sent it to Bobbi; this seemed to satisfy her request.
- Connar Stone - Week 1 of October: Coordinated with Aaron Bliesner from USWCD to fly the Dry Creek Aiwohi Project later this month.
- Connar Stone - Week 1 of October: Added photos and captions for projects and staff included in the 25-Year Synthesis document as per Jeff's request.

(B. 191) 2. Participation on various working groups, committees, task forces, stakeholder groups and advisory committees within and outside of the Grande Ronde Basin.

- Coby Menton - Week 4 of November: OWEB Region 5: I started preparing for and reviewing project proposals submitted to OWEB during the Fall 2018 project solicitation. This go around OWEB, in Region 5, received 13 restoration proposals, 6 technical assistance proposals, 4 monitoring proposals, and 1 stakeholder engagement proposal. Of these 24 proposals 7 are from the GRB with 6 of those 7 being from Wallowa County and 3 submitted by GRMW.

GRMW submitted proposals include stream gauging (monitoring), 39 road improvement and fish passage (restoration), and Lostine Town Project (TA).

- Jesse Steele - Week 5 of October: Helped at the Farmer Merchant Banquet to present an award to Howard Cantrell on behalf of GRMW.
- Jesse Steele - Week 4 of October: Worked with Scott Favrot and other members on the Grande Ronde Valley Subgroup to review the proposed research in the valley.
- Jesse Steele - Week 2 of October: Prepped for the GRMW Board of Directors annual meeting.
- Jesse Steele - Week 1 of October: Attended a local non-profit meeting for updates on new laws in Oregon.
- Alex Towne - Week 2 of October: GRMW annual meeting

(B. 191) 4. Provide technical assistance upon request to landowners (resource consultation, permitting, funding sources).

- Coby Menton - Week 2 of November: At the request of the Dawson Ranch in Prairie Creek I am helping to design and implement a riparian planting effort. This planting is part of the ranch responsibility for their CSP contract with NRCS/FSA. This is a terrific opportunity to not only improve riparian conditions on Prairie Creek but to demonstrate planting efforts to neighbors and other producers in the area. This initial planting will be very visible and the Dawson family owns a large chunk of the creek and for the most part hardwood riparian vegetation is non-existent. The ranch would like this effort to lead to more planting and riparian recovery on lands they manage as well as other landowners nearby.
- Jesse Steele - Week 4 of November: Met with landowner on the Grande Ronde River with USWCD and NRCS to discuss erosion concerns.

(B. 191) 5. Coordinate with BPA, state and federal agencies, tribes and landowners as needed to plan and implement restoration projects in the Grande Ronde Basin.

- Coby Menton - Week 4 of November: GRMW BOD Meeting: At this November GRMW BOD meeting staff presented restoration project proposals and the BOD discussed and approved all 8 proposals submitted to GRMW in the fall of 2018. On the Wallowa County side of the basin 3 proposals were submitted and include the Lostine Town Project (TA), Wolfe Wetland (TA), and Tamkaliks (restoration). The Wolfe Wetland project is now fully funded, a design consultant has been identified and the project is anticipated for construction in 2020. The Lostine Town project is now partially funded, has applied for OWEB funding, and if fully funded design is anticipated to start in spring 2019 with construction scheduled for 2021. Tamkaliks is awaiting funding from OWEB and if approved final design and specification will be completed in Winter 2019 with construction scheduled for summer 2019.
- Coby Menton - Week 4 of November: OWEB: Attend and participate in OWEB Wallowa County site visit. At this visit we toured the GRMW submitted proposal for the 39 road improvement where GRMW, on behalf of Wallowa County has applied for funding to remove a fish passage barrier culvert on Little Sheep Creek and replace it with a bridge. If funded this project will be part of a larger project with Wallowa County, USFS, Federal Highway Administration, and ODOT to resurface 5-miles of Wallowa County road 4602 (Wallowa Mountain Loop Road). The review team also visited a forest thinning project proposed by WSWCD in the divide area.
- Coby Menton - Week 3 of November: Wolfe Wetland: NPT received proposals from 4 consulting firms to engineer and design the Wolfe Wetland project on the lower Lostine River at the confluence with the Wallowa River. The 4 firms include GeoEngineers, Tetra Tech, Cardno and Rio ASE. 3 of the 4 firms bid the project near the amount of funding available, each firm has the capacity to

complete the tasks as identified in the RFP, and GeoEngineers is the prospective chosen consultant. This firm had the highest ranked proposal based on qualified staff, appropriate schedule, reasonable cost, and preferred approach. Reviewers include GRMW, NPTR, USFS and ODFW.

- Coby Menton - Week 3 of November: McDaniel Phase 3: At the request of ODFW Habitat partners attended the 15% design review and site visit with Tetra Tech the consultant chosen to design this project. The TT engineer represented the consultant as their project manager was not available. The team spent approximately 2-hours on site, walked the full project length, listened to the ODFW vision of the design, and heard very little from TT. When implemented this project will enhance work prior completed on the property, specifically add large wood, add side channels, improve riparian condition, and further reconnect the Wallowa River to its floodplain over ~ 1-mile of the Wallowa River. Partners in attendance include GRMW, NPT, ODFW and BPA.
- Coby Menton - Week 2 of November: Stepwise: Final funding proposals to GRMW for BPA funds were due Monday this week. As expected GRMW received 3 proposals from Wallowa County with 2 from NPT and 1 from GRMW. Each proposal responded to IT comments to the extent applicable and practical. All 3 proposals will be sent to the GRMW BOD for review prior to the November BOD meeting and appear appropriate for discussion and consideration of funding. Projects include the Wolfe Wetland, Lostine Town Project and Tamkaliks.
- Coby Menton - Week 2 of November: At the request of NPT and as part of the selections team for the Wolfe Wetland project design phase consultant selection I reviewed 4 proposals. Proposals are from RIO, Cardno, Tetra Tech and GeoEngineers. Each of these 4 consultants attended the site visit on November 6th. Following review the selection team consisting of NPT, ODFW, GRMW and Wallowa Land Trust will discuss, rate and rank these proposals on November 19th. 3 of the 4 proposals are at or near funds available and the fourth is very high at double available funds.
- Coby Menton - Week 5 of October: Wallowa Atlas: Coordinate and attend November Wallowa Atlas meeting. Agenda items included: 1. Discuss any remaining questions or comments from the recent site visits, 2. Forest Service restoration opportunity polygon update ~ Polygons subdivided into potential one year projects in Arc GIS Online platform? ~ If so, a restoration opportunity for each polygon (action or actions that are within a given polygon) can be added to the spreadsheet for a given subwatershed, 3. Continue feasibility analysis for Tier I restoration opportunities (Opportunity Summary tab), and 4. Begin pursuing Tier I opportunities via outreach to landowners. Partners present included GRMW, NPT, USFS, and NMFS. The next meeting is scheduled for December 6, 2018.
- Coby Menton - Week 5 of October: Stepwise: Site visits were held on October 29, 2018 for project proposals submitted in Wallowa County. The Atlas project review team was present including NPT and ODFW research, ODFW habitat, NPT watershed, GRMW, USFS and NMFS. 3 projects were toured including Tamkaliks, Wolfe wetland, and the Lostine Town Project. Tamkaliks is a restoration proposal and the other 2 are technical assistance requests. Review team comments are due on Monday November 5th with delivery of those comments to the project sponsors on November 6th. Final proposals are due to GRMW on November 13, 2018 and the GRMW BOD will review proposals at the November meeting.
- Coby Menton - Week 4 of October: Stepwise: Coordinate, prepare for and be ready to lead project site visits in Wallowa County on October 29, 2018. Three projects will be visited including Tamkaliks side channel, Wolfe Wetland, and the Lostine River/River mile 5.7. Each project is in Wallowa Atlas Tier 1 and each proposes to address limiting factors as identified in Atlas. Site visit attendees include GRMW, USFS, NMFS, ODFW, NPT.

- Coby Menton - Week 4 of October: As part of the CSP plan for the Dawson Ranch on Prairie Creek they are required to plant riparian vegetation on several sections of main Prairie Creek. The ranch is interested in meaningful riparian enhancement rather than simply putting plants in the ground so they can check off a box. As such, I was contacted for planting guidance, direction and help in drafting the planting plan. This effort to be implemented in November 2018 will include both planting and protection. Live material including willow, cottonwood and red osier dogwood will be harvested from the ranch along irrigation ditches and either planted immediately or bundled and soaked until planting. Planting techniques will be both individual whips installed with a water jet stinger or bundle planting installed with an auger. Plantings will be in groups and protected by 8-foot by 16-foot hog panel protected copses. All plants will be installed to a depth of the lowest water table elevation to insure "their feet are wet" year round, each whip will be trimmed to 6-inches exposed above ground and 3 buds above ground, and as each whip or bundle is installed a mixture of soil and water will be used to backfill making sure all air is out of the hole and that good soil contact is achieved around stems. Hog panel cages as described have been demonstrated to reduce herbivory by both domestic livestock and deer in the area. I will be on site during materials harvest, installation, and caging procedures.
- Coby Menton - Week 3 of October: Fall funding proposals to GRMW were due on Monday October 15th. Three applications were submitted on the Wallowa County side of the basin and 2 are Technical Assistance and the final is a construction proposal. Both TA's propose design and environmental compliance activities for floodplain restoration, side channel development and riparian enhancement. The Wolfe Wetland project is at the confluence of the Lostine and Wallowa Rivers and the Lostine Town Project is in the town of Lostine on the Lostine River. The restoration proposal is a funding request to build side channels, reconnect the Wallowa River to its floodplain, and enhance riparian conditions at the Tamkaliks area in Wallowa. Project sponsors include NPT and GRMW who have worked in partnership to develop each proposal.
- Coby Menton - Week 3 of October: In cooperation with Wallowa County GRMW finished the funding proposal to OWEB to replace a passage barrier on Little Sheep Creek where the 39 Road (Wallowa Mountain Loop Road) meet State Route 350 (Imnaha Highway). This proposal has been drafted over the past month and is now complete and submitted to OWEB for restoration funding. Proposal review partners include the US Forest Service and NPT with Federal Highway Administration providing budget and design clarification support. This \$8-million project will resurface 5-miles of county road 4602 to the USFS boundary, restore road drainage, and replace road drainage infrastructure that is no longer working. Also, part of the project and the focus of the OWEB funding request a known and long standing passage barrier will be replaced with a channel spanning bridge. All design, environmental compliance, and project management has been done by Federal Highway Administration who also is providing the majority of the cost share along with ODOT and Wallowa County as minority cost share partners. If funded OWEB will contribute ~ \$107K toward the passage fix.
- Coby Menton - Week 3 of October: Zacharias/Kaup/McLaren project site visit: With NPT Joseph Field Office watershed staff we walked a reach of the upper Wallowa River that is a potential restoration project reach. The upper end on the Zacharias property is forested and shows signs of past channelization, however restoration opportunity is good the wood structures and some floodplain connection as possibilities. The Kaup Property is utilized as a pasture but is not over utilized. Side channels and some remnant meander scrolls exist and shrub and overstory is absent. The third property at McLaren's is used as a feedlot and the LO's are interested in moving the feedlot and restoring river form and function. This reach is part of Wallowa Atlas Tier 1 and as such is a good opportunity for future restoration.

- Coby Menton - Week 2 of October: Wallowa Mountain Loop Road: Continue working on behalf of Wallowa County to secure funding in 2019 for project construction. GRMW is preparing a restoration funding application to OWEB in the ~ amount of \$115,000 to cost share with local, State and Federal partners. This 8 - million dollar project will be implemented in 2019 and includes converting a culvert to a bridge restoring 11-miles of fish passage to upper Little Sheep Creek and resurfacing 5 miles of Wallowa County road 4602. Watershed benefits include improved passage and improved road drainage reducing sedimentation to Little Sheep Creek. Partners include Wallowa County, ODOT, Federal Highways Division and GRMW.
- Coby Menton - Week 2 of October: Wallowa Atlas: Prepare for, coordinate and attend Wallowa Atlas meeting #20 held on October 10, 2018. At this meeting we rated the restoration actions that have been included in restoration opportunity polygons for the following subwatersheds: WLL-2, WLL-3, WLL-4, WLL-5. We also Reviewed Forest Service restoration opportunity polygons and restoration actions that have been incorporated into the Arc GIS Online platform. This work is in Big Sheep Creek and a Wallowa Atlas Tier 2 priority area. Partners in attendance include GRMW, NPT, ODFW, USFW, NMFS and BPA
- Jesse Steele - Week 4 of November: Prepped for GRMW Board meeting, including OWEB FIP update, project updates, and staff update.
- Jesse Steele - Week 5 of October: Coordinate with ODFW and OWEB to order parts for Catherine Creek PIT Tag array.
- Jesse Steele - Week 2 of October: Coordination with BPA on Whiskey Creek Restoration Project cultural resources.
- Jesse Steele - Week 1 of October: Met BPA Environmental Staff and construction contractor on site for the Whiskey Creek project to discuss cultural resource sites to avoid.

C. 114: Catherine Creek Habitat Restoration Atlas & Priority BiOp- projects for funding

(C. 114) 2. Review draft proposals and provide feedback to Opportunity Lead/sponsor

- Jesse Steele - Week 5 of October: Reviewed draft proposals again in preparation for site visits.
- Jesse Steele - Week 3 of October: Ensure partners were able to submit proposals and began reviewing draft proposals.
- Jesse Steele - Week 2 of October: Coordinated with Colleen on her draft CC State Parks proposal.

(C. 114) 3. Arrange/conduct on-site Atlas Implementation Team reviews for prospective Atlas restoration projects

- Jesse Steele - Week 5 of October: Facilitated two days of project site visits.
- Jesse Steele - Week 4 of October: Organized the fall site visits: ordered lunches, finished agenda, coordinated with sponsors on meeting locations and times.
- Jesse Steele - Week 3 of October: Started the draft Fall Site Visit Agenda. Coordinated with sponsors to see which dates worked well and which sites we would visit.
- Jesse Steele - Week 2 of October: Reviewed the USFS draft proposals (HWI small streams and UGR Woodlee). Provided feedback for Joe prior to him submitted the proposals.

(C. 114) 4. Prepare Site Visit Reports and provide to project sponsors.

- Jesse Steele - Week 1 of November: Prepared site visit reports and coordinated with sponsors on submitting final proposals by November 13th.

(C. 114) 5. Coordinate with Opportunity Lead to incorporate Site Visit Report recommendations and contingencies into final project proposals.

- Jesse Steele - Week 4 of November: Continued coordination with USWCD and USFS to address funding contingencies on proposed restoration projects; UGR Woodlee and Lower Willow Creek Fish Passage Design.
- Jesse Steele - Week 2 of November: Ensured sponsors submitted final proposals by November 13th.
- Jesse Steele - Week 1 of November: Called Joe Platz to work through site visit review comments.

(C. 114) 6. Technically review final project proposals

- Jesse Steele - Week 4 of November: Finished reviewing final proposals from Fall 2018 solicitation.

(C. 114) 7. Present project proposals to Board of Directors for review and approval

- Jesse Steele - Week 4 of November: Prepped project proposal presentation and presented to the Board on November 27th for final proposals. The Board approved all five Union County proposals for funding. There was some contingencies placed on the HWI UGR Woodlee Restoration Project.

(C. 114) 8. Facilitate monthly coordination Implementation Team meetings to track development of restoration opportunities identified in the Atlases with project partners and opportunity leads.

- Jesse Steele - Week 2 of November: Finished IT meeting agenda and sent it out. Facilitated the IT meeting and recorded notes.
- Jesse Steele - Week 1 of November: Prepared IT meeting agenda

D. 114: Develop & Implement Wallowa Habitat Restoration Atlas - project prioritization/funding

(D. 114) 2. Gather, organize, and convert all available data to a visual and easily consumable format (GIS) for efficient use during the subgroup and main meetings

- Alex Towne - Week 2 of October: Prep for Atlas meeting. Received identified project data from Dana N. at USFS Joseph office. Added to our working map to be reviewed at meeting (edited symbology, titles, etc.)
- Alex Towne - Week 2 of October: Added more data from USFS to map that was identified after meeting

(D. 114) 4. Display data layers, prioritization matrix, BSR map during the main meetings

- Alex Towne - Week 5 of October: Prepare for and attend Atlas meeting in Joseph
- Alex Towne - Week 2 of October: Attended Atlas meeting in Joseph

(D. 114) 7. Produce restoration opportunity maps within each BSR in GIS format

- Alex Towne - Week 3 of November: Update river miles on opportunity polygons to reflect river miles based off of USGS national data that is universally used. Add restoration action list field to attribute table

- Alex Towne - Week 2 of November: Meet with Dana N. (USFS) to create opportunity polygons in Upper Big Sheep based off of projects identified by Dana
- Alex Towne - Week 2 of November: Work on editing Upper Big Sheep opportunity polygons

F. 161: Produce Maps and Manage GIS Data

(F. 161) 1. Coordinate collection and storage of data from partners

- Alex Towne - Week 5 of October: Work with Union and Wallowa counties to acquire up-to-date taxlot data
- Alex Towne - Week 3 of October: "Deep clean" and organize data and GIS project files.

(F. 161) 2. Geo-reference and/or process raw data

- Connar Stone - Week 4 of November: Processed imagery from Bird Track Springs. Sent orthomosaic/DSM products to Allen Childs and Jake Kimbro at CTUIR, in addition, I put together a comparison of Bird Track Springs pre and post project implementation orthos and sent that along with the processed imagery.
- Connar Stone - Week 2 of November: Processed imagery from Catherine Creek State Park and Catherine Creek Hall Ranch and sent to Colleen and Winston with ODFW. Resulting orthomosaic on Catherine Creek State Park did not turn out as I had hoped. Inconsistent lighting conditions and thick vegetation created numerous artifacts in the final product; however, the orthomosaic on Hall Ranch turned out quite well with limited artifacts.
- Connar Stone - Week 1 of November: Check for Pix4D has finally gone through, processed Dry Creek and Red Mill Imagery and sent results to Aaron Bliesner at USWCD. Processed Buffalo Peak Imagery and sent results to Jake Kimbro with CTUIR and Tony & Andrea Malmberg (landowners).
- Connar Stone - Week 3 of October: Processed Imagery from Limber Jim and created a comparison visual from the resulting orthomosaic.

(F. 161) 3. Create/modify/prepare map products to provide consistency

- Alex Towne - Week 4 of November: Work on Vey map, digitizing streams, creating three restoration buffer zones and total acres within each buffer
- Alex Towne - Week 3 of November: Start to update Vey Meadows map to include Sheep Creek and Limber Jim Creek (digitize streams using 2017 Oregon Imagery Project imagery)
- Alex Towne - Week 1 of November: Put together layer package of future project shapefile for Ted S.

(F. 161) 6. Provide GIS support for partners

- Alex Towne - Week 3 of November: put together geodatabase for Dave K. showing an example of mapped opportunity polygons for him to share with Hood River Atlas development team
- Alex Towne - Week 1 of November: Make BSR/Subwatershed map for Kayla

H. 160: Manage GRMW Project Database & Website Interface

(H. 160) 1. Maintain Grande Ronde Model Watershed Project (GRMWP) database. Database houses location, financial, biological and accomplishment data for all projects funded through the GRMWP.

- Connar Stone - Week 1 of November: Found an issue with the new OwnCloud FTP server. A coded error in the PHP file could cause a cyclical loop and prevent a user from logging in. Modified the PHP code to remedy the error.

- Connar Stone - Week 5 of October: Finalized the FTP setup and found a free DNS service for a simple domain of grmw.myftp.org, the only catch is that the DNS has to be updated every 30 days, something that should not be difficult to keep up with. Tested the sharing capabilities and features of the FTP both inside and outside of the network to great effect. Created a simple "Watch Me" video to explain how to use the site's interface, upload files, share files, etc.. then made this public to all users on the FTP. This domain forwards traffic to our IP which is then routed to the host machine so we can share files. Added credentials for one or two individuals per partner organization and hardened the server against any outside attacks. These credentials were sent to each individual along with a personal message inviting them to add others from their organization to the FTP if they so desired. I am expecting a few hiccups with this system as is to be expected with any new application or piece of software. I have already detected and fixed a few bugs that were inherent, but they were minor annoyances and not severe issues. The largest hurdle in making sure this application is a success will be to ensure that organizations like CTUIR, BPA, ODFW, USFS, etc... do not have issues accessing and utilizing the system.
- Connar Stone - Week 3 of October: Worked on setting up the GRMW FTP. Installed Owncloud onto host machine, forwarded IP traffic to host machine, configured security settings, etc.
- Connar Stone - Week 1 of October: After researching some alternatives for building a centralized FTP service for our organization I came across a piece of software called Owncloud. Owncloud is a free software with no strings attached; it is a fairly popular solution for FTP needs and has a large pool of users and fairly consistent support in the online community. I have committed to using our 20 TB File Server as the storage area for this application; there is plenty of space for the server to fulfill its purpose as both a FTP and as a shared file server for staff. Owncloud is a browser-based application which makes it easier for other organizations to connect up to it and utilize it. There will no doubt need to be some modifications in order to ensure that all organizations can reach and use the FTP, but beyond that, setting this up should be rather painless compared to all other alternatives. I will begin working on implementing this immediately.

(H. 160) 2. Solicit input, validate and maintain restoration project data from partner agencies.

- Connar Stone - Week 2 of October: Met with Seth & Ted concerning the building of a monitoring database for all projects in the Grande Ronde Basin. This meeting was to ascertain the scope, efficacy, and necessary resources needed to build such a database. Significant progress was made in terms of the structure, needs and overall shape of this endeavor, but there is still much to be done before any real building begins. Meeting was recorded for Kayla to listen to at a later date since she was unable to attend the meeting due to illness.

(H. 160) 4. Keep GRMW website (www.grmw.org) current; periodically update the project summaries and maps for both GRMW funded projects and for the basinwide inventory. Monthly reviews of website content for other required updates (eg. URL link updates). Expand the GRMW website to update automatically from the Database.

- Connar Stone - Week 5 of November: Updated website to reflect new board meeting dates and times.
- Connar Stone - Week 5 of November: Blocked a number of IP addresses from the GRMW server using fail2ban after seeing notifications from OSSEC indicating these addresses were attempting an attack on the server.
- Connar Stone - Week 2 of November: Worked with Jesse to generate new content for our website and social media page describing what a watershed is.

It occurred to me that this information does not appear in any of our current content yet it is one of the most asked questions I get when trying to explain GRMW to other individuals. Sent draft out to staff for review/comments/edits.

- Connor Stone - Week 2 of November: Blocked a number of IP addresses from the GRMW server using fail2ban after seeing notifications from OSSEC indicating these addresses were attempting an attack on the server.

I. 161: Outreach & Education - Local Community Outreach & Education Activities

(I. 161) 5. Elgin Outdoor School

- Alex Towne - Week 1 of October: Make stream trailer lesson plan for Wallowa 5th grade. Host and teach lesson at GRMW office.

J. 99: Outreach & Education - Publish and distribute Ripples publication

(J. 99) 2. Ripples Publication - Fall

- Mary Estes - Week 1 of October: Folded and mailed out the Ripples Newsletter.
- Connor Stone - Week 2 of October: Alex has finished with the Fall Issue of Ripples in the Grande Ronde and published it. As such I have added the PDF version to our website and sent out copies of it to all of our online subscribers. I also notified Ryan and Zach via email (our two short-term interns who helped build our new file server) since there was an article about them in this issue.

(J. 99) 3. Ripples Publication - Winter

- Alex Towne - Week 4 of November: Place three draft articles into layout for formatting. Place photos and captions, work on placement order and formatting
- Alex Towne - Week 2 of November: Start putting together layout (basic elements, estimate word count)
- Alex Towne - Week 1 of November: Receive one article for Ripples. Read and review.
- Alex Towne - Week 5 of October: Reach out to potential contributors. Coordinate article specs and timeline

K. 99: Manage & Administer Projects - Administer Project/Contract

(K. 99) 1. Manage and administer this BPA contract

- Mary Estes - Week 4 of November: Checked online banking for new transactions. Wrote out checks to vendors. Entered transactions into QuickBooks and on spreadsheets. Prepared agenda, calendar and Board packets for Board Meeting. Took meeting minutes at the Board Meeting. Ordered office supplies. Put office supplies away. Exchanged old GSA gas cards for the new ones for staff use.
- Mary Estes - Week 3 of November: Took Explorer in for an oil change and a car wash. Submitted a preventative maintenance report on the Explorer through Drive Thru website. Checked online banking for new transactions. Wrote checks out to vendors. Entered transactions in Quickbooks and on spreadsheets. billed BPA on GRMW Admin Contract.
- Mary Estes - Week 2 of November: Emailed Union County and Wallowa County on appointing Board Members for another term on our Board. Emailed CTUIR and Wallowa Resources on their cost share information on projects. Copied project proposals and mailed them to the Board for their review for the November Board meeting. Wrote checks out to vendors. Mailed a letter to EOU regarding employment in 2019. Entered and submitted the FY18 cost share on CBfish site. Made motel reservations for Coby Menton in Ontario for the OWEB

technical committee project review. Submitted vehicle mileage on the GSA website. Entered transactions into QuickBooks and on spreadsheets.

- Mary Estes - Week 1 of November: Emailed certain Board Members on their terms expiring and if they wanted to serve for another term on the board. Wrote checks out to vendors. Checked online banking transactions. Finalized Board Meeting agenda and flyer. Entered transactions in to QuickBooks.
- Mary Estes - Week 5 of October: Checked online banking for transactions. Wrote checks out to vendors. Spoke with Karla, BPA, on overcharge payment. Ordered checks through Harland Checks.
- Mary Estes - Week 4 of October: Spoke with Tracy Hauser on cost share for FY12, FY17, and FY18 that needed to be approved/confirmed. Checked online banking for transactions. Wrote out check. Entered transactions in QuickBooks and on spreadsheets. Pulled GSA vehicle invoice off of their website. Billed BPA on GRMWF Admin contract. Signed and send PAR Reports to EOU.
- Mary Estes - Week 3 of October: Spoke with Tracy Hauser on funding for cultural resources on Whiskey Creek. Wrote out checks to vendors. Checked online banking for new transactions. Entered transactions into QuickBooks and on spreadsheets. Order office supplies.
- Mary Estes - Week 2 of October: Got ready for our annual meeting. Took minutes at the annual meeting. Checked online banking for transactions. Wrote checks out to vendors. Started working on writing up the minutes. Signed the Ascension School Conference Contract and mailed that back. Entered transactions into QuickBooks and on spreadsheets. Billed BPA on the GRMWF Admin Contract.
- Mary Estes - Week 1 of October: Reminded partners on the FY18 cost share information is due by November 1st. Went over the needed cost share information with the partners Wrote checks out to vendors. Checked the online banking transactions. Entered all transactions into QuickBooks and on spreadsheets. Checked on our profile in SAM for needed information and update our profile. Filed project files.

(K. 99) 2. Perform all administrative office support for the GRMW

- Mary Estes - Week 4 of November: Emailed OWEB on the final billing of the Wallowa Mountain Bull Trout Monitoring grant making sure they received it.
- Mary Estes - Week 3 of November: Emailed Coby Menton on OWEB Wallowa Partnership grant that is expiring soon and if it needs to be extended. Emailed Colleen Fagan on the Mike Williams Fence project in regards to it expiring soon.
- Mary Estes - Week 2 of November: Setup a new account in Quickbooks and a file folder. Checked OWEB's OGMS site for upcoming reports. Emailed Forest Service on the monitoring reports for Upper Grande Ronde Culvert and the Fence Reconstruction projects. Asked Jesse Steele about the progress reports for the Grande Ronde Basin Monitoring and the Whiskey Creek Courtney projects,
- Mary Estes - Week 1 of November: Worked with the bank to increase out card limit so we could finish purchasing parts for the PIT Tags. Called Gretchen on the Wallowa Mountain Bull Trout report, payments, and addresses. Sent out the Implementation Team and Union County Coordination meeting notice out.
- Mary Estes - Week 5 of October: Wrote the bank a letter regarding a new account. Picked up box lunches for site visits. Billed OWEB on the office lease in Enterprise. Worked with the bank to increase our card limit so we could purchase parts for PIT Tags.
- Mary Estes - Week 4 of October: Billed OWEB on McDaniel and the Wallowa Mountain Bull Trout Monitoring grants. Went over Board Member appointments and attendance at meetings. Ordered box lunches for site visits in Union County and Wallowa County.

- Mary Estes - Week 3 of October: Emailed Gretchen Sausen regarding the completion report on OWEB's Wallowa Mountain Bull Trout Monitoring grant. Gathered invoices from contractor and surveyors for the Wallowa Mountain Bull Trout Monitoring grant. Created a list of folks and their contact information for Union County. Talked to Tracy Hauser regarding closing BPA 79023 Wallowa Baker project.
- Mary Estes - Week 2 of October: Shared emails with Tetra Tech, Anderson Perry, Jesse Steele and Jeff Oveson regarding an invoice and payment on the Hassinger project. Emailed Colleen Fagan on a landowner agreement and match secured form needed for the McDaniel project. Mailed Karen Leiendecker the completed match form for Fly Creek Smith project. Billed BPA on the Gauging Stations. Billed OWEB on the Gauging Stations and the Restoration & Monitoring Coordinator grants.
- Mary Estes - Week 1 of October: Billed OWEB on the Wallowa Mountain Bull Trout Monitoring grant. Checked OWEB's OGMS for the Wallowa Mountain bull Trout amendment and the land use form for Fly Creek Smith project. Spoke with the bank and our CPA on donations.
- Connar Stone - Week 5 of November: Attended Board Meeting in Wallowa, provided IT support, ran the projector, and assisted in setup for the meeting.
- Connar Stone - Week 5 of November: Assisted Mary with transferring the recording files from the meeting to our shared drive where she can access them to produce the meeting minutes.
- Connar Stone - Week 3 of November: Assisted Coby in converting a large word file to PDF. This was a little tricky considering some of the formatting that was used in the word document (especially on some of the maps associated with the document), but in the end managed to get around some of this by converting some of the pages to image files and then reinserting them back into the PDF.
- Connar Stone - Week 4 of October: We have been speaking to an organization called EveryAction about implementing a mailing list manager to help open GRMW up to public donations. This is a mechanism that currently does not exist for our organization and could be an untapped source of revenue for GRMW, if this concept fails to yield results after the first year or so, we may decide to cut it short and reassess. More to come on this.
- Connar Stone - Week 3 of October: Converted a document from PDF to word at Coby's request and returned the word document to him via email.
- Connar Stone - Week 3 of October: Attempted to process imagery for a previously flown flight, but it seems our subscription for Pix4D has come up for renewal. Spoke with Mary about renewing the subscription. Due to certain constraints with our bank, we will have to send a check to Pix4D.
- Connar Stone - Week 2 of October: Attended the GRMW Annual Meeting in Cove, provided IT Support: set up projector, ran presentations/slides, assisted in setup/tear-down of equipment, etc.
- Connar Stone - Week 2 of October: Kayla has thought a lot about the need for an Adaptive Management process which should be built directly into the Monitoring Database on a project by project basis. This is likely something to come up in the upcoming meeting with Seth and Ted and as such Kayla suggested providing a mock-up of what this might look like once the database is built so Seth and Ted can see what it is we are suggesting. I created a simple mock-up following her guidelines and printed copies for the meeting.
- Connar Stone - Week 1 of October: Assisted Coby with accessing and sharing a document from the dsl.state.or.us website. Successfully downloaded the file and shared it as a link to Coby using Google Drive.
- Alex Towne - Week 4 of November: Attend board meeting

- Alex Towne - Week 1 of October: Put together ad for the Observer "Who's Who in Union County" newspaper insert.

(K. 99) 7. Effectiveness monitoring (field verification)

- Jesse Steele - Week 3 of November: Installed stage logger on Limber Jim Creek to track flows post restoration.

(K. 99) 10. Staff training: RRNW, Beaver Restoration Assessment Tool training, IT training, fiscal training, Network of Oregon Watershed Councils Gathering.

- Alex Towne - Week 2 of November: Continue work on MOOC
- Alex Towne - Week 1 of November: Start Esri MOOC "Earth Imagery at Work"

(K. 99) 12. GRMW staff project monitoring with UAS

- Connar Stone - Week 4 of November: Put together a comparison video of the flights performed on Rock Creek from Apr of 2018 before any work began and the flight performed earlier this week (post-project). The resulting video is rather stunning.
- Connar Stone - Week 4 of November: Flew Bird Track Springs and Rock Creek. Jake Kimbro with CTUIR and Nick Danis with CARDNO were on site at Bird Track and participated in the flight. Travis Dixon was on site at Rock Creek and participated in the flight.
- Connar Stone - Week 1 of November: Flew Catherine Creek State Park and Catherine Creek Hall Ranch. Colleen Fagen with ODFW participated in the flight.
- Connar Stone - Week 4 of October: Flew Dry Creek for Aaron Bliesner at USWCD for post-project comparison imagery. Aaron participated in this flight.
- Connar Stone - Week 4 of October: Flew Red Mill for Aaron Bliesner at USWCD for pre-project orthomosaic. Aaron participated in this flight.
- Connar Stone - Week 4 of October: Flew Buffalo Peak for pre-project orthomosaic. Jake Kimbro met with me out at the Buffalo peak and participated in the flight.
- Connar Stone - Week 3 of October: Flew Limber Jim Creek with Kayla for orthomosaic to compare with previous year during the same time frame.

L. 199: Produce Other Report - Other Reports for BPA

(L. 199) 1. Prepare monthly accountability reports and submit to PM

- Alex Towne - Week 3 of October: August / September report