



# HABITAT PROJECT

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## **Introduction:**

The Management, Data and Habitat (MDH) functions to facilitate the Project Management, Data Management and Habitat Acquisition and Management for the Yakima/Klickitat Fisheries Project (YKFP). The YKFP is a joint project of the Yakama Nation (YN) and the Washington Department of Fish and Wildlife (WDFW). The YN is the lead entity in this joint project. The YKFP has been working to reintroduce and/or increase the populations of all anadromous species that historically existed in the Yakima Basin. The objectives of the three components of this program are described below.

### **Project Management**

Project management, under the leadership of the Project Advisor/Policy Coordinator (PAPC) Melvin Sampson, is responsible for the overall management of the various components of the YKFP which include three supplementation hatchery complexes, Monitoring and Evaluation for those programs, Operations and Management for all project facilities, Construction, Data Management, and all Habitat acquisitions and management of those properties.

The three supplementation hatchery complexes are:

1. Upper Yakima Supplementation and Research Complex, managed by Charles Strom, which supplements spring Chinook and conducts research evaluating the use of hatchery fish in restoring natural spawning salmon populations,
2. Lower Yakima Hatchery Complex, managed by William Fiander, which supplements and conducts research on fall/summer Chinook and evaluates the feasibility of reintroduction of coho salmon, and the
3. Klickitat Supplementation and Harvest Augmentation Hatchery Complex, managed by Jason Rau, which supplements spring Chinook and steelhead natural populations and releases fall Chinook and coho for harvest augmentation purposes.

Management is also responsible for the Monitoring and Evaluation of all the research conducted under the YKFP. This component of the overall program is under the direction of the Senior Research Scientist, Dr. David Fast. This component of the YKFP is responsible for directing all research conducted under the project, evaluating results of research projects, and using adaptive management to redirect those research programs as needed to address critical uncertainties regarding supplementation and other research objectives of the project. These decisions are made jointly with WDFW under the auspices of the Scientific and Technical Advisory Committee (STAC) which reports directly to the Policy Representatives.

William Sharp is also on the Management Project as the lead for the Klickitat River component of the YKFP.

Project Operations and Maintenance (O&M) is also under the direction of the PAPC through the management program. The O&M section is responsible for maintaining the all facilities under the YKFP in operational condition so as to achieve the overall objectives of the project. Operations are under the direction of the various project managers and the maintenance component is under the lead of Travis Hull.

## **Data Management**

Data Management, under the direction of William Bosch, is responsible for collection, organization, storage, and analysis of all data collected under the YKFP umbrella. This component is also responsible for keeping records of management decisions, and preparing and submitting reports to BPA and manuscripts for peer reviewed publications.

## **Habitat**

The Habitat component of the YKFP, under the lead of Scott Nicolai in the Yakima and William Conley in the Klickitat, is also under the direction of the Project Manager. The Habitat section is responsible for securing acquisition of biologically important land along the Yakima and Klickitat Rivers. The purpose of acquisition of these properties is to protect from development land in these watersheds with the objective of maintaining or improving habitat benefits for fish production and ultimately returning these watersheds to a more normative state. This is also achieved by habitat improvement projects conducted on these properties whenever warranted to increase their value to watershed restoration.

# **Management, Data & Habitat – October 2011**

## **Management**

The Yakima/Klickitat Fisheries Project (YKFP) remains a co-managed Project with the Washington Department of Fish and Wildlife (WDFW). It operates under the Policy Group of which the YN and WDFW have representation and meet at least once a month or as needed. Both entities have operational contracts with the Bonneville Power Administration (BPA) which basically is primarily the main funding agency consistent with the Congressional passed Power Act.

The YN has various contracts of which various aspects of Research, Habitat Restoration and Production are essential aspects of the major contracts. The total employment factor remains around one hundred employees on an annual basis. We have a support aspect within one of the contracts which vastly contributes to our continued ability to be within compliance with all the respective contracts. The YN is the Lead Agency for the YKFP and thus remains responsible for the day to day operational of the YKFP. The largest contract of the YKFP is the Monitoring and Evaluation one which has a diverse amount of Work Elements in it.

As referenced previously, the work space of a majority of our support personnel is overly occupied and produces a very negative situation for routine/daily work process. The crowded situation does not seem to have any future relief. It appears that the Fisheries Resource Management (FRM) is able to make some adjustments for their additional staff personnel that they have hired. The YKFP does not have that capability primarily due to the source of revenue funding our contracts. Hopefully some of the relieved space can be occupied by YKFP personnel.

The YKFP finally was able to hire an additional bookkeeper that has been sought for a length of time. This should provide some sorely needed assistance for our support staff. The preliminary report is that she is doing fine and is a positive attribute for the needed work that's assigned to her. Unfortunately the only interim work space is a modified work space that is located in the Tech room.

Good news....The modular replacement office facility located at Nelson Springs has finally been fully installed and occupied by some of our Project personnel. According to some of the feedback, it's been well received and is a blessing over the facilities it replaced. In some regards, it's rather unique in some regards as it's been installed on pillars four feet elevated due to the flood designation. The overall layout is a vast improvement over the previous set up.

The administration aspect of the YKFP is current in all regards or is working on current support needs of the YKFP. Therefore in closing, I will take this opportunity to restate the vastly needed office space of our personnel. Until next month, we continue to fulfill our job and position requirements. Thank You.....

## **Data**

1. Worked with Cle Elum hatchery staff to input and finalize Sept. month-end rearing (growth and survival) data for 2010 brood.
2. Produced quarterly (Jul-Sep 2011) water usage reports for Cle Elum facility and submitted to WA state dept. of ecology. Corrected problems with 2nd and 3rd quarter data.
3. Assisted in 2011 Cle Elum Hatchery spawning process; conducted review and quality control of data; prepared weekly reports summarizing spawning activities for the season to date from the data collected for distribution to YKFP technical and policy representatives.
4. Developed BY2011 CE Ponding spreadsheet
5. Prepared mark assignments for 2010 brood spring chinook marking at Cle Elum.
6. Updated Prosser (fall chinook, coho, steelhead) and Roza (final spring chin.) dam counts to ykfp.org and DART web sites
7. Continued updates to annual spring chinook trend analysis tables including: finalizing 2011 Prosser adult migration and Yakima R. harvest data, and entry of 2011 redd/spawner survey data.
8. Maintenance and trouble-shooting of the 2011 Denil database and integration with Prosser video count database
9. Prepared for release of long-term reconditioned kelts from the 2011 program; participated in workup process on Oct. 13; performed QC of database and submitted PITs to PTAGIS for this release.
10. Prepared data on Yakima Basin salmon adult travel times from Bonneville to Roza for B. Watson and the Wapato Reach study he is working on.
11. Prepared "Yakama Nation Fisheries Data Management Status Summary and Needs Assessment" as part of the regional Coordinated Assessments process to develop a regional data sharing strategy.
12. Prepared summary of 2001-2011 kelt steelhead project data for CRITFC analysis and publication development.

13. Continued work with YN and Yakima Basin recovery board staff regarding development of habitat project effectiveness tools and database.

## **Habitat**

No report available

## **Management, Data & Habitat - November 2011**

### **Management**

The Yakima/Klickitat Fisheries Projects' Management Support group remains current in most regards and is addressing areas that need to be current in specific areas. Majority of the contract funding for the YKFP is provided by the Bonneville Power Administration consistent with the authorization contained in the Power Act. The Management support personnel are assessed the administrative responsibility of coordinating and maintaining assurance that everything is in compliance and current. This has evolved into a major assignment for the respective assigned personnel. I'm pleased to announce that the current assigned support personnel are aggressively addressing their assignment responsibilities. It's fair to say that we do experience some very stressing situations at some given times which collectively are addressed.

**Habitat:** Habitat is an inclusive element within our Management, Data and Habitat Contract. Habitat is a very vital element within the overall aspect of the YKFP. It also involves the purchase of key tracts within the two sub-basins. Today, the availability of key tracts is scarce as development efforts remain constant and generates a high level of competition which ultimately elevates the appraisal value of the tracts. The overall restoration of key salmon species ultimately needs as much key habitat parcels as possible. We have been very fortunate in some regards in cooperation with BPA and other support organizations. Our habitat personnel have been very instrumental in taking the lead in most of these efforts, including habitat restoration. Also, passage is and remains a key habitat priority within both sub-basins. Through the efforts of our habitat personnel there have been some key accomplishments in passage restoration. It's been a vast challenge and educational related procedures have been very effective in some areas.....thanks to our personnel.

**Office Space:** As previously referenced, we remain short on adequate office space for our support personnel. As everyone is aware, this contributes to a depressing working atmosphere and in some cases, creates various levels of negative atmosphere. In current and future considerations of space, we duly request to be involved in planning for proper space.

**Good News:** The newly installed facility at Nelson Springs is in full operation and is well received. The only remaining obligation to be done is the habitat restoration of Buckskins Slough which has been delayed due to the weather. It remains on the 'to do' drawing board, weather permitting. We utilize the new facility for our YKFP Policy Group meetings. Believe me, it's a vast improvement over the facility it replaced, despite taking a very long time to completion.

In closing, we're reminded that the tagging crew is in full swing at Cle Elum. Usually the complete tagging process is completed one or two weeks before Christmas. The tagging process is a very demanding process and requires full cooperation. The crew is to be commended for their relentless effort over the course of time to complete. Crew....job well done.

This concludes our summary report for this month.....have a happy and joyful holiday season.

### **Data**

1. Worked with Cle Elum hatchery staff to input and finalize Oct. month-end rearing (growth and survival) data for 2010 brood, to develop incubation / pond pairings for the 2011 brood, and to input shock egg count data and produce egg enumeration reports for the 2011 brood
2. Worked with Cle Elum hatchery staff to correct water reporting data for 2nd and 3rd quarters; emailed corrected reports to WA State Dept of Ecology
3. Updated Prosser and Roza (fall chinook, coho, steelhead) dam counts to ykfp.org and DART web sites
4. Continued updates to annual spring chinook run reconstruction analysis spreadsheet
5. Prepared 2012 Yakima Basin spring chinook run forecast .
6. Maintenance of the 2011 Denil database and integration with Prosser video count database
7. Developed agenda and coordinated internal YKFP M&E project review; took notes and distributed following the meeting
8. Continued work with YN and Yakima Basin recovery board staff regarding development of habitat project

effectiveness tools and database.

9. Worked with Curt Knudsen (consultant) and Andy Rittman (NOAA) regarding analysis of PIT detection efficiencies and occurrence of out-of-basin hatchery strays at/above Roza Dam
10. Worked with YN and CRITFC staff on Yakima Basin fall chinook and coho Master Planning and John Day mitigation issues
11. Prepared data and policy group decision document to reduce the risk of over-collecting wild/natural spring chinook at Roza Dam for CESRF brood stock
12. Performed quality control of Yakima Basin spring chinook redd count data dating back to 2001
13. Began working on updates to spring chinook data appendix to BPA M&E contract annual report
14. Performed quality control work on 2011 kelt database; submitted PIT tagging and recapture records to PTAGIS

## **Habit**

1. Nelson Springs Mitigation Plan – Contract extended to 09/30/12. Fill out and submit JARPA to ACOE. Update mitigation plan. Maintain and update PISCES for project. Order plants for spring planting.
2. Large wood enhancement projects in the Holmes and Harris side channels. Invitations to bid out. Jarpa submitted. Collecting material for possible enhancements this winter.
3. Directed WCC activities at Williams Creek, including thinning and field work for placement of woody material in stream at three locations. JARPA submitted for instream work.
4. Conference calls with BPA, Forterra (formerly Cascade Land Conservancy), WDFW and landowners regarding possible habitat purchases.
5. Coho spawning survey on lower Reecer Creek.
6. Investigate potential habitat acquisition in the lower Ahtanum Creek.
7. Habitat restoration planning for lower Reecer Creek.

## **Ongoing Projects**

1. Participate in Manastash Creek floodplain restoration post May flood event.
2. Monitor SRFB funding request for the Pott Rd restoration proposal.
3. Monitor Yakima County's development of a Cumulative Impacts Analysis concerning floodplain gravel mining. This was the result of YN's appeal of Yakima County's SMP.
4. Review, comment and monitor proposed updated road standards for Kittitas County.
5. Review, comment and monitor proposed road improvements to the Teanaway and North Fork Teanaway Roads. Meeting to discuss the project was held on 08/02/11.
6. Monitor application of tax exempt status for 5 parcels purchased for habitat protection. Draft Plan of Operations sent to YNLE.
7. Monitor Yakima County's proposal to "streamline" its entire development code.
8. Participation in Kittitas County's review and amendment of its Critical Areas Ordinance and Shoreline Master Program; this project will require a significant amount of time for the remainder of the year.
9. Monitor the YN's appeal of Yakima County's CAO in the Washington State Court of Appeals. A Superior Court decision reversed the decision of the Hearings Board that the County's stream buffers were inadequate.
10. Monitor WSDOT's proposed reconstruction of HWY 410 through the Nile.
11. Monitor Kittitas County's code interpretation for administrative segregations.
12. Review and monitor HPA notices from WDFW within ceded lands.
13. Review and monitor SEPA notices within ceded lands.
14. Active participation in Yakama Nation's Department of Natural Resources Ceded Lands Working Group.
15. Active participation in Kittitas County's Flood Task Force.
16. Monitor relocation of Road 1900 along the Little Naches River. (on hold)
17. Monitor Kittitas County's development of a subarea plan for the Teanaway Basin. (on hold)
18. Various reviews of local government project and non-project notices.

## **November tributary passage:**

- **Middle Swauk Floodplain Restoration**
  - Jansen Inc. is finished with construction: planting is completed.
- **Reecer Creek Fish Passage**
  - The project will not be constructed this fall. It would be nice to put Fisheries Engineers under contract to design and oversee this project.

- **Harris Fish Passage**
  - This project has entered the legal arena – SNID wants the Yakama Nation to ask permission and sign an agreement relative to potential problems created by construction of the project.
- **Scott Ditch Screen**
  - Landowner concerns about the project have delayed work until at least Oct. of 2012.
- **Wold Ditch/Cascade Fish Bypass Comingle**
  - Completed. CAD Truck: \$960; gravel \$560; Total= \$1,466 without tax
- **Brain Ranch Ford Fish Passage**
  - No go. Landowner problems.
- **Pott Rental Agreement**
  - A draft agreement was sent to Tim Thompson and Carroll Palmer, Land Enterprise.

## **Management, Data & Habitat December 2011**

### **Management**

The operational aspect of the Yakima/Klickitat Fisheries Project (YKFP) operates under a support cadre of personnel, primarily arranged under a contractual funding arrangement. A vast majority of the funding is provided by the Bonneville Power Administration consistent with the authorization provided by the Congressional passed Power Act. The Yakama Nation is the Lead Agency for the YKFP which operates under the co-management effort with the Washington Department of Fish and Wildlife (WDFW). We both work in cooperation with BPA in maintaining operational compliance with the respective contractual obligations contained in the respective negotiated contracts.

The contracts are either for periods of one or two years. Currently, our preference is to have two year contracts. All of the contracts address the specific goals and objectives of the YKFP including, Production, Research, Designated Species, Habitat, and the level and number of personnel to complete all the tasks addressed within the contracts. These tasks are jointly developed with the co-managers, WDFW. We operate consistent with an active Management Implementation Planning Team (MIPT) and an active Science Technical Advisory Committee (STAC) which consists of representatives from both entities. They operationally provide requests and recommendations to the YKFP Policy Group which also has equal representation from both entities. Normally, we meet on a monthly basis with the understanding of having conference calls if necessary.

In concluding for this month, this operational procedure in summary form provides for meaningful employment for approximately, plus or minus a few, one hundred employees. Over the course of time, we've accumulated a very effective nucleus of operational personnel.

The administrative support personnel have been very effective in maintaining an effective co-ordination role on the contract compliance procedures. They've also been very effective in coordinating with the Lead Biologist in charge of tasks contained within the contracts.

This concludes our summary report for this month which pertains to the operational format of the YKFP.

### **Data**

1. Cle Elum spring chinook brood year 2010 month-end growth and survival data
2. entry, quality control, and reporting
3. Cle Elum spring chinook brood year 2010 : set up and test mark quality
4. control data entry PC
5. Cle Elum spring chinook brood year 2011 egg accounting data entry, quality
6. control and reporting
7. Submitted Cle Elum spring Chinook hatchery spawn-time CWT recovery data for 2002-2011 to regional RMPC database including software development and quality control of data
8. Set up data entry software and supervised entry of 2011 spawning ground survey carcass sample / age data
9. Processed and posted Prosser and Roza dam count updates to web site(s); monitored 2011-12 steelhead run at Prosser – developed in-season run size update
10. Worked on development of Step 3 Master Plan for Klickitat
11. Review and comment on John Day mitigation materials developed by CRITFC
12. Worked with Dave Fast and staff at CRITFC regarding review of Chilcote paper and Columbia River Hatchery Effects Evaluation Team (CRHEET) materials.



13. email discussions with YN and CRITFC staff regarding supplementation successes / preparation for December CRITFC Commission meeting

## **Habit**

December trib passage:

1. **Middle Swauk Floodplain Restoration**
  - a. Jansen Inc. is finished with construction: planting is completed. Next work will follow spring floods – irrigation systems & watering schedule
2. **Reecer Creek Fish Passage**
  - a. I would like to put Fisheries Engineers under contract to design and oversee this project; final design has been postponed for too long w/Chinook Engineering
3. **Harris Fish Passage**
  - a. This project has entered the legal arena – SNID wants the Yakama Nation to ask permission and sign an agreement relative to potential problems created by construction of the project.
4. **Scott Ditch Screen**
  - a. Landowner concerns about the project have delayed work until at least Oct. of 2012. WDFW needs to weigh in on
5. **Wold Ditch/Cascade Fish Bypass Comingle**
  - a. Completed. CAD Truck: \$960; gravel \$560; Total= \$1,466 without tax
6. **Brain Ranch Ford Fish Passage**
  - a. No go. Landowner problems.
7. **Pott Rental Agreement**
  - a. A draft agreement was sent to Tim Thompson and Carroll Palmer, Land Enterprise.

## **Management, Data and Habit – January 2012**

### **Management**

The Yakima/Klickitat Fisheries Project (YKFP) operates under a co-management regime with the Washington Department of Fish and Wildlife, (WDFW) under a co-management agreement. Through this process we have established a Policy Group with respective representation from WDFW and YN. In most regards we have monthly meetings. Two principles established groups operate under this process, namely, the Science Technical Advisory Committee (STAC), and the Monitoring Implementation Planning Team, (MIPT). MIPT is directly responsible to the STAC, who coordinates with the Policy Group, (PG) on a continuous basis. All of the research and technical work elements go through the STAC. All of the researches Work Elements that primarily are identified in the funding contracts that are in place with the Bonneville Power Administration, (BPA), are coordinated with the PG. In most regards, any change or modification, as recommended by STAC is addressed in Decision Documents.

The YN and WDFW have separate contracts with BPA that incorporates the work element tasks that primarily addresses the YKFP goals and objectives, as it pertains to research, reproduction, habitat restoration, monitoring and evaluation. Primarily, the work elements address the implementation process for each respective species as it pertains to the three step process. As we approach step three, which includes the ability for construction, such as hatcheries and/or passage barriers. In most regards the process addresses each respective species. Coho, spring salmon, etc. **The YKFP covers the Yakima River sub-basin and the Klickitat sub-basin. Case in point, within the recent past few months, there was major passage work done on the Klickitat River sub-basin.**

Our intent in this summary report was to address the operational funding/operational format. We have been fortunate to maintain some level of consistency in providing administrative support to the diverse challenges that comes with a Project of this magnitude. We collectively strive to be effective and cooperative on a daily and consistence basis. It's fair to say that our personnel are very receptive in their desire to meet and exceed all the challenges of which I totally agree.

This represents our YKFP Management summary for this month. Fish On.....Melvin R. Sampson, PAPC

## **Data**

Worked with Cle Elum hatchery staff to input and finalize December month-end rearing (growth and survival) data for 2010 brood.

1. Completed 4th quarter water reports for Cle Elum water usage and submitted to state DOE
2. Prepared summary of BY10 Cle Elum mark quality control database; distributed to MIPT
3. Worked with technical YKFP staff to develop summary of CESRF project results to date for publication as a chapter in an AFS book.
4. Reviewed ISRP retrospective report on supplementation projects; drafted comments on the report; participated in inter-tribal discussions regarding this report; went to NPCC meeting to hear presentation of report as well as comments on the report by tribal and other agencies.
5. Prepared presentation on Yakima Basin spring Chinook run size estimation and fishery management for delivery at the Oregon Chapter AFS meeting in late February.
6. Continued work with other staff and consultants to supply data and assist with development of Master Plan for Yakima fall Chinook and Coho.
7. Worked with project consultants regarding adult survival analyses for HxH versus NxN Clark Flat releases
8. Updates of Prosser counts to web site.
9. Prepared databases for CESRF BY2011 rearing and BY2012 Roza sampling; updated and tested BY2012 Roza database; prepared brood need and collection schedule for 2012 spring Chinook
10. Started work on finalizing 2011 video and Prosser/Roza trap counts and posting these final count data to ykfp and DART web sites.
11. Kelt project planning; review of CRITFC lists of accomplishments and uncertainties; data updates
12. Continued work on preparation/updating of M&E annual report for BPA to include data and information through 2011 field work
13. Maintenance and improvements to ykfp.org web site.
14. Assisted D. Fast with setup/installation of new PC.
15. Worked with YKFP staff to continue development/refinement of Step 3 Master Plan for Klickitat Hatchery.
16. Worked with Klickitat staff to further develop web site, databases and GIS systems.

## **Habitat**

Biologist out sick-No report for January 2012.

## **Management, Data and Habit - February 2012**

### **Management**

The Yakima/Klickitat Fisheries Project (YKFP) operates under a co-management regime with the Washington Department of Fish and Wildlife, (WDFW) under a co-management agreement. Through this process we have established a Policy Group with respective representation from WDFW and YN. In most regards we have monthly meetings. Two principles established groups operate under this process, namely, the Science Technical Advisory Committee (STAC), and the Monitoring Implementation Planning Team, (MIPT). MIPT is directly responsible to the STAC, who coordinates with the Policy Group, (PG) on a continuous basis. All of the research and technical work elements go through the STAC. All of the researches Work Elements that primarily are identified in the funding contracts that are in place with the Bonneville Power Administration, (BPA), are coordinated with the PG. In most regards, any change or modification, as recommended by STAC is addressed in Decision Documents.

The YN and WDFW have separate contracts with BPA that incorporates the work element tasks that primarily addresses the YKFP goals and objectives, as it pertains to research, reproduction, habitat restoration, monitoring and evaluation. Primarily, the work elements address the implementation process for each respective species as it pertains to the three step process. As we approach step three, which includes the ability for construction, such as hatcheries and/or passage barriers. In most regards the process addresses each respective species. Coho, spring salmon, etc. The YKFP covers the Yakima River sub-basin and the Klickitat sub-basin. Case in point, within the recent past few months, there was major passage work done on the Klickitat River sub-basin.

Our intent in this summary report was to address the operational funding/operational format. We have been

fortunate to maintain some level of consistency in providing administrative support to the diverse challenges that comes with a Project of this magnitude. We collectively strive to be effective and cooperative on a daily and consistence basis. It's fair to say that our personnel are very receptive in their desire to meet and exceed all the challenges of which I totally agree.

This represents our YKFP Management summary for this month. Fish On.....Melvin R. Sampson, PAPC

### **Data**

1. Worked with Cle Elum hatchery staff to input and finalize January month-end rearing (growth and survival) data for 2010 brood.
2. Enter WDFW age data and quality control of 2011 Roza and spawning ground spring Chinook sampling database
3. Finalize 2011 dam count data and prepare 2012 tables for interface with the U of W data access in real time (DART) system
4. Continue compiling, analyzing and summarizing 2011 spring Chinook data for BPA annual report appendix
5. Continue work on Klickitat Master Plan including analysis of CWT recovery data for Coho released from Klickitat Hatchery compared to Washougal direct stream releases
6. Reviewed Yakima fall Chinook and Coho draft master plan including analysis of CWT recovery data for fall Chinook releases
7. Continued preparing presentation on Yakima Basin spring Chinook run size estimation and fishery management for delivery at the Oregon Chapter AFS meeting in late February
8. Continued work with technical YKFP staff to develop summary of CESRF project results to date for publication as a chapter in an AFS book
9. Prepared for 2012 kelt reconditioning season including database preparation; updated analyses of 2011 season data; participated in pre-season planning meeting with Prosser hatchery and CRITFC staff
10. Prepared and analyzed PTagis queries of 2008-2011 Yakima Basins CESRF spring Chinook detections at all upstream migration locations for detection efficiency analysis and publication
11. Coordinated/prepared 2012 planned Yakima Basin release data for NOAA and Fish Passage Center
12. Updated denil/VSP project steelhead tagging data to PTagis

### **Habit**

No Report given by Biologist, or sent to Adrienne, and she is on travel.

## **Management, Data and Habit - March 2012**

### **Management**

The Yakima, Klickitat Fisheries Project (YKFP) formally operates within a co-management format with the Washington Department of Fish and Wildlife, (WDFW).. The co-management format is within the scope of a Memorandum of Understanding, (MOU) between the two entities. The formal operation of the YKFP is under the direction of the Policy Group, which equal representation from each agency, The normal operation process calls for monthly meetings with an established agenda that addresses the current issues and needs.

As was addressed in the February report, reference was made to the standing operational committees that are essential in addressing the on-going objectives of the YKFP. They are standard agenda items on the monthly meeting of the Policy Group. Also, monthly summary project reports are submitted to the reporting secretary on a monthly basis and are then universally submitted for review and comment during the Policy Group meeting. This assures participation by all involved.

The Project Coordinator has a very busy schedule in coordinating all of the operational aspects contained within each of the major contracts that we have. All administrative support personnel are actively involved in assurance that compliance is maintained on a consistence basis. She maintains the up to date requirements for Pisces and all of the other contractual requirements. It appears, these requirements are advancing instead of becoming less demanding.

This concludes the summary for this month.

### **Data**

1. Worked with Cle Elum hatchery staff to input and finalize February month-end rearing (growth and survival) data for 2010 brood.
2. Submitted planned Yakima Basin release data for 2012 to NOAA and Fish Passage Center
3. Continued work on fiscal year 2011 BPA M&E project annual report
4. Worked with other tribal staffs to plan and prepare for the tribal supplementation workshop and the October Future of our Salmon conference
5. Worked with Yakama staff to review, edit, and develop materials relative to the "Branding" exercise
6. Followed up on analyses of CWT recovery data for Klickitat coho and Yakima fall Chinook programs; prepared summary memos using these analyses
7. Presented talk on Yakima Basin spring Chinook forecasting, management, and escapement at the Oregon AFS meeting
8. Participated in Coordinated Assessments conference calls to discuss and review upcoming work products
9. Prepared analysis and memo documenting lost fishing opportunity for tribal fishers at Lyle Falls due to construction
10. Continued review of fall Chinook master plan products from consultants
11. Began tracking 2012 Roza adult steelhead return updating counts to web sites
12. Updates of 2012 Prosser counts to web site
13. Updated spreadsheets for tracking 2012 spring chinook migration
14. Monitoring of Yakima Basin juvenile outmigration with updates to web site
15. Maintenance and improvements to ykfp.org web site.
16. Worked with Klickitat staff to assist in development of PAR presentations and to further develop web site, databases and GIS systems.

### **Habitat**

1. Began implementing the winter phase of Large Wood replenishment in upper Taneum Creek, above Icewater campground, on USFS land
2. Met with NMFS and BOR biologists at Spring Creek to discuss large wood and re-vegetation plans for that property.
3. Coordinated other activities undertaken by Washington Conservation Corps labor crew.
4. Promoted the closure of the Newhall-Jones property. Met with private landowner and City of Ellensburg. Emails with BPA and Land Enterprise.
5. Meeting with City of Cle Elum administrator regarding Boones Pond side channel mitigation project.
6. Worked on MDH budget.
7. Held technical work group for Lower Swauk Restoration project.
8. Meeting with private landowner on lower Manastash to discuss their interest in restoring their section of stream.
9. Attended interviews with Kittitas Conservation District to hire consultant to do Manastash watershed assessment.
10. Coordinated restoration and tools acquisition for Head Start restoration project.
11. Conference call with representatives for Lower Swauk property owner and TNC to discuss restoration project timing with wind project proposed for same area.

### **Also:**

1. Project poster layout for public outreach.
2. Develop project list for a potential WCC work crew.
3. Participate in Kittitas County's 2012 Comp Plan update.
4. Coordinate with Pat Spurgin on an appeal of Kittitas County's Administrative Segregation standards.
5. Implement Nelson Springs Mitigation Plan.
6. Monitor proposed road repairs on USFS land due to 2011 floods.
7. Participate in Kittitas County's Technical Advisory Committee for the CAO/SMP update.
8. Monitor Manastash Creek floodplain restoration post May flood event and numerous land owner impacts.
9. Active participation in Kittitas County's Flood Task Force.
10. Monitor Yakima County's proposal to "streamline" its entire development code.
11. Monitor WSDOT's proposed reconstruction of HWY 410 through the Nile.
12. Review and monitor HPA notices from WDFW within ceded lands

13. Review and monitor SEPA notices within ceded lands.
14. Active participation in Yakama Nation's Department of Natural Resources Ceded Lands Working Group.
15. Various reviews of local government project and non-project notices.

### **Trib passage March:**

- 1. Middle Swauk Floodplain Restoration**
  - a. Working on a contract for plant maintenance, etc., June through Sept
- 2. Reecer Creek Fish Passage**
  - a. Am attempting to get an engineer on contract to begin developing passage and screening concepts
- 3. Lewis Ditch/Harris Property Fish Passage**
  - a. Engineering is complete. Construction is dependent on legal review of easements and YN position relative to SNID's proposed agreement
- 4. Scott Ditch Screen**
  - a. Delayed until WDFW has further talks with the landowner regarding compensation
- 5. Brain Ranch Ford Fish Passage**
  - a. A meeting was held with Jamie Carmody, Brain's lawyer on 3-14. Any construction of fish passage or bridge will depend on the Brain Family's response to Carmody's summary of our meeting.
- 6. Paulson screening and passage**
  - a. No word from KCCD yet on beginning a dialogue with Karen Poulsen. It is anticipated that Paul Tappel will develop engineering options once he is on contract.
- 7. Big Creek Passage – 2013**
  - a. A post-snow site visit is scheduled. If possible, Tappel will be used for developing alternatives.
- 8. Hundley Pond Connection/Passage –2013**
  - a. A meeting with Rick Hundley is anticipated once David Gerth returns from vacation and the site can be visited without snow.

## **Management, Data and Habit – April 2012**

### **Management**

The Yakima/Klickitat Fisheries Project (YKFP) operates under a co-management regime with the Washington Department of Fish and Wildlife, (WDFW). Through this process we have established a Policy Group(PG) with respective representation from WDFW and YN. In most regards we have monthly meetings. We had a monthly Policy Group meeting on March 29. Due to the late March PG meeting, there was no meeting scheduled for April, with the next meeting scheduled for early May. Two principles established groups operate under this process, namely, the Science Technical Advisory Committee (STAC), and the Monitoring Implementation Planning Team, (MIPT). MIPT is directly responsible to the STAC, who coordinates with the Policy Group (PG) on a continuous basis. All of the research and technical work elements go through the STAC. All of the Research Work Elements that primarily are identified in the funding contracts that are in place with the Bonneville Power Administration, (BPA), are coordinated with the PG. In most regards, any change or modification, as recommended by STAC is addressed in Decision Documents.

The YN and WDFW have separate contracts with BPA that incorporates the work element tasks that primarily addresses the YKFP goals and objectives, as it pertains to research, reproduction, habitat restoration, monitoring and evaluation. Primarily, the work elements address the implementation process for each respective species as they pertain to the three step process. As we approach step three, which includes the ability for construction, such as hatcheries and/or passage barriers. In most regards the process addresses each respective species covered under the YKFP, Coho, spring salmon, etc. The YKFP covers the Yakima River sub-basin and the Klickitat sub-basin. Case in point, within the recent past few months, there was major passage work done on the Klickitat River sub-basin.

Our intent in this summary report was to address the operational funding/operational format. We have been fortunate to maintain some level of consistency in providing administrative support to the diverse challenges that comes with a Project of this magnitude. We collectively strive to be effective and cooperative on a daily and consistent basis. It's fair to say that our personnel are very receptive in their desire to meet and exceed all the

challenges of which I totally agree.

This represents our YKFP Management summary for this month of April. Dr. David Fast for Melvin R. Sampson, PAPC

## **Data**

1. Worked with Cle Elum hatchery staff to input and finalize March month-end rearing (growth and survival) data for 2010 and 2011 broods
2. Completed 1st quarter 2012 water reports for Cle Elum water usage and submitted to state DOE
3. Updated 2012 Prosser and Roza adult steelhead counts
4. Continued work on fiscal year 2011 BPA M&E project annual report
5. Began tracking 2012 Bonn. and Prosser Dam spring chinook counts
6. Maintenance and QC of steelhead kelt database; update annual steelhead trend data
7. Submitted 2012 kelt release PIT data and Roza PIT data to date to PTAGIS system
8. Worked with YN and CRITFC staff on fall chinook master plan and John Day mitigation strategies
9. Reviewed coordinated assessments work products and participated in 4/4 and 4/27 conference calls to discuss these products and regional VSP database considerations
10. Submitted abstract and began preparing presentation summarizing Cle Elum spring Chinook program results to date for August National AFS meeting
11. Participated in steelhead radio tracking and compiled data for steelhead viable salmon population project
12. Worked with CRITFC staff to develop a steelhead kelt reconditioning manuscript summarizing work from 2001-2011
13. Monitoring of Yakima Basin juvenile outmigration with updates to web site
14. Maintenance and improvements to ykfp.org web site including research and repair on site security issues
15. Worked with Klickitat staff to further develop Master Plan and to integrate coho and fall Chinook strategies with U.S. v Oregon Production Advisory Committee documents

## **Habitat**

- Assisted with organization and helped with instruction at one of the stations during the Holmes Environmental Education activities.
- Directed labor crew's re-vegetation efforts at Pott Road property, and limited test-plot re-vegetation in Taneum watershed.
- Coordinated other activities undertaken by Washington Conservation Corps labor crew.
- Promoted the purchase of the Newhall-Jones property. Numerous discussions on telephone with wetlands consultant and onsite visit regarding possibility of private purchase as mitigation for wetland impacts higher in Reecer watershed. Emails with BPA and Land Enterprise.
- Conversations with BPA regarding Boones Pond side channel mitigation project.
- Worked on MDH budget. Attended budget meeting with BPA and YN fisheries staff.
- Site visits, telephone conversations with involved entities in lower Swauk Restoration project.
- Attended Tapash Aquatics Resource Group initial meeting.
- Attended two day training on updates to WDFW Stream Habitat Restoration Guidelines.
- Conference call with representatives for Lower Swauk property owner and TNC to discuss restoration project bridge project and source for woody material.

### Also:

- Invited to a meeting concerning a potential Wide Hollow Creek habitat study with Mid Columbia and Yakima Co. Do not know much now, but will get info at 04/18 meeting.
- Salmon Days at Holmes (04/24 - 04/26)
- Participate in Kittitas County's Technical Advisory Committee for the CAO/SMP update.
- Project poster layout for public outreach.
- Develop project list for a potential WCC work crew.
- Obtain access to the Foster Property.
- Change of ownership for Foster and Dixon property.
- Participate in Kittitas County's 2012 Comp Plan update.

- Coordinate with with Pat Spurgin on an appeal of Kittitas County's Administrative Segregation standards.
- Implement Nelson Springs Mitigation Plan.
- Monitor proposed road repairs on USFS land due to 2011 floods.
- Monitor Manastash Creek floodplain restoration post May flood event and numerous land owner impacts.
- Active participation in Kittitas County's Flood Task Force.
- Monitor Yakima County's proposal to "streamline" its entire development code.
- Monitor WSDOT's proposed reconstruction of HWY 410 through the Nile.
- Review and monitor HPA notices from WDFW within ceded lands
- Review and monitor SEPA notices within ceded lands.
- Active participation in Yakama Nation's Department of Natural Resources Ceded Lands Working Group.
- Various reviews of local government project and non-project notices.

### **Tributary Passage April:**

- **Middle Swauk Floodplain Restoration**  
Working on a contract for plant maintenance; however, nothing can move until the MDH contract with BPA is official.
- **Reecer Creek Fish Passage**  
Am attempting to get an engineer on contract to begin developing passage and screening concepts
- **Lewis Ditch/Harris Property Fish Passage**  
Engineering is complete. Construction is dependent on legal review of easements and YN position relative to SNID's proposed agreement
- **Scott Ditch Screen**  
WDFW has a tentative landowner agreement in the works and a pending meeting with SNID. We need to hear on available funding from BPA via the MDH contract.
- **Brain Ranch Ford Fish Passage**  
No word from Jamie Carmody, Brain's lawyer.
- **Paulson screening and passage**  
No word from KCCD yet on beginning a dialogue with Karen Poulsen. It is anticipated that Paul Tappel will develop engineering options once he is on contract.
- **Big Creek Passage – 2013**  
Site visit occurred on 4-12. Engineer Paul Tappel is scheduled to visit the site tomorrow (4-17-12)
- **Hundley Pond Connection/Passage –2013**  
No meeting with Rick Hundley has been scheduled yet. Hank, David and Scott should meet to discuss topics for a meeting with Hundley now that the ground is clear of snow.

## **Management, Data and Habit – May 2012**

### **Management**

Management: The YKFP (Yakima/Klickitat Fisheries Project) operates under a co-management arrangement consistent with the contract arrangement with the Washington Department of Fish and Wildlife. The operating format consists of a Policy Group which has equal representation from WDFW and the Yakama Nation. The YN serves as the Lead Agency for the YKFP.

The YN and WDFW each primarily are funded by the Bonneville Power Administration through respective contracts with BPA. The operational contracts basically spell out all of the goals and objectives for the participating salmonid species for the Klickitat River Sub-basin and the Yakima River Sub-basin.

We the (YN) have three primary contracts which are: Management, Data and Habitat; Operation and Maintenance and Monitoring and Evaluation (Research). We also have Construction contracts when construction is being done, which is the case this past two years for the Klickitat sub-basin.

The Management aspect of the YKFP is to primarily provide all of the support services for all of the performing tasks that are being implemented within confines of the YKFP. Each task/project has a Lead Biologist in charge of its' activities. They are also responsible for coordinating directly with the lead bookkeeper in charge. Collectively, they have the immediate responsibility for the budget and the timely project reporting.

Currently, all contractual tasks are on target. Currently, we are exploring and potentially proposing to proceed with developing and enacting a separate contract for Habitat. Over a course of time, this has been discussed and

explored and is finally going to be realized. Habitat is a vast and major undertaking which is primarily why this modification is being proposed.

In closing, all major obligations have and are being addressed. For this time of the year, very pleased to note that all of the Upper Bright Spring salmon have been moved out of the acclimation sites in Easton, Jack Creek and Clark Flat. The number revolves around 800,000 per year.

This concludes our summary status report for this month.

## **Data**

1. Worked with Cle Elum hatchery staff to input and finalize April month-end rearing (growth and survival) data for 2010 and 2011 broods  
Updated 2012 Prosser and Roza steelhead counts; submitted Roza tag data to PTAGIS
2. Continued tracking 2012 Bonneville, Prosser and Roza Dam spring chinook counts and PIT detections; drafted run and harvest updates for distribution
3. Continued work on fiscal year 2011 M&E contract annual report to BPA
4. 2012 kelt database management, backup, and maintenance; submit no-term and Yakima direct released PITs to PTAGIS
5. Worked with CRITFC on draft kelt manuscripts for internal review, critique, and journal submittal
6. Worked with CRITFC and inter-tribal staffs re coordination of John Day mitigation CRITFC Accords project funding
7. Worked with CRITFC staff re tribal "success stories" and preparation for 2012 Future of our Salmon conference
8. Continued to track and review documents from regional Coordinated Assessments process; coordinated with CRITFC and tribal staffs re the linkage between this process, STAR, and 2013 Bi-Op "check-in"
9. Coordinated and led tour of Yakima Basin facilities with Rich Turner NOAA Fisheries who will be drafting biological opinion on YN hatchery program operations and M&E activities in the Basin
10. Prepared summary presentation of Yakima Basin fall Chinook / coho Master Plan for F&W Committee and NPCC briefings
11. Monitoring of Yakima Basin juvenile outmigration with updates to web site
12. Maintenance and improvements to ykfp.org web site.
13. Worked on Klickitat Master Plan and responses to EIS comments
14. Worked with Klickitat staff to further develop web site, databases and GIS systems.

## **Habitat**

- Directed labor crew's weed control efforts at Pott Road property. Also met with city and enXco regarding acquisition of upstream property (Newhall Jones). Met with Mill Ditch president and contractor about Mill Ditch siphon maintenance.
- Met Washington Conservation Corps labor crew and Dave Morrow (private landowner) at Williams Creek to view in-stream restoration and discuss next plans, given that a steelhead spawned at their restoration site this year.
- Continued to promote the purchase of the Newhall-Jones property. Further discussions on telephone with wetlands consultant.
- Conversations with BPA regarding Boones Pond side channel mitigation project.
- Continued site visits, telephone conversations with involved entities in lower Swauk Restoration project. Processed JARPA. Developed agreement for purchase of replacement bridge.
- Worked on SRFB contract for Pott re-vegetation.
- Solicited bids for USFWS Partners restoration project.
- Conference calls on Scott Ditch, Church property acquisition, Brain Ranch restoration conundrum, Taneum Creek "wow" restoration results.
- Attended Oak Woodland restoration training.

## **Also:**

- Benton County Salmon Summit (May 1 and 2).
- Oak Managers Field Day with the Nature Conservancy (May 31).
- Participate in Kittitas County's Technical Advisory Committee for the CAO/SMP update (5/18 meeting).



- Participate in Kittitas County's Flood Task Force (5/18 meeting).
- Project poster layout for public outreach.
- Review impacts of SECOND ENGROSSED SUBSTITUTE SENATE BILL 6406 (amendments to SEPA and HPA).
- Develop project list for a potential WCC work crew.
- Obtain access to the Foster Property.
- Change of ownership for Foster and Dixon property.
- Review and monitor Kittitas County's 2012 Comp Plan update.
- Coordinate with Pat Spurgin on an appeal of Kittitas County's Administrative Segregation standards.
- Implement Nelson Springs Mitigation Plan.
- Monitor proposed road repairs on USFS land due to 2011 floods.
- Monitor Manastash Creek floodplain restoration post May flood event and numerous land owner impacts.
- Monitor Yakima County's proposal to "streamline" its entire development code.
- Monitor WSDOT's proposed reconstruction of HWY 410 through the Nile.
- Review and monitor HPA notices from WDFW within ceded lands
- Review and monitor SEPA notices within ceded lands.
- Active participation in Yakama Nation's Department of Natural Resources Ceded Lands Working Group.
- Various reviews of local government project and non-project notices.

## **Management, Data and Habit - June 2012**

### **Management**

The YKFP (Yakima/Klickitat Fisheries Project) operates under a co-management arrangement consistent with the contract arrangement with the Washington Department of Fish and Wildlife. The operating format consists of a Policy Group which has equal representation from WDFW and the Yakama Nation (YN). The YN serves as the Lead Agency for the YKFP.

The YN and WDFW each primarily are funded by the Bonneville Power Administration through respective contracts with BPA. The operational contracts basically spell out all of the goals and objectives for the participating salmon species for the Klickitat River Sub-basin and the Yakima River Sub-basin.

Yakama Nation has three primary contracts which are: Management, Data and Habitat; Operation and Maintenance and Monitoring and Evaluation (Research). We also have Construction contracts when construction is being done, which is the case this past two years for the Klickitat sub-basin.

The Management aspect of the YKFP is to primarily provide all of the support services for all of the performing tasks that are being implemented within confines of the YKFP. Each task/project has a Lead Biologist in charge of its' activities. They are also responsible for coordinating directly with the lead bookkeeper in charge. Collectively, they have the immediate responsibility for the budget and the timely project reporting.

Currently, all contractual tasks are on target. We are exploring and will be potentially proposing to proceed with developing and enacting a separate contract for Habitat. Over the course of time, this has been discussed and explored and is finally going to be realized. Habitat is a vast and major undertaking which would operate more efficiently under its' own organizational structure, which is primarily why this modification is being proposed.

In closing, all major obligations have and are being addressed. For this time of the year, very pleased to note that all of the Upper Bright Spring salmon have been moved out of the acclimation sites in Easton, Jack Creek and Clark Flat by the end of June. The annual number of smolts released revolves around 800,000 per year.

This concludes our summary status report for this month.

### **Data**

1. Worked with Cle Elum hatchery staff to input and finalize May month-end rearing (growth and survival) data for 2011 brood
2. Provided CE water use summary data to CH2M Hill for annual summary report
3. Quality control and loading of final Cle Elum brood year 2010 (CWT) release data to the Regional Mark Processing Center (RMPC)
4. Continued tracking 2012 Prosser and Roza Dam spring chinook counts and uploading data to YKFP & DART web sites; updated Bonn. PIT detection trend tracking data sets; used data to develop in-season run size projections;

prepared updates for YKFP Policy Group

5. Updated Yakima R. spring chinook harvest monitoring data base; prepared summary reports
6. reviewed and commented on D. Neeley annual reports; edits and updates to annual report for BPA M&E contract
7. Worked on Klickitat Master Plan; updates to coho and fall Chinook productivity tables; text review and edits
8. Worked up summary presentation for Yakima Basin fall Chinook and coho Master Plan for F&W committee and NPCC briefings
8. Continued work with CRITFC staff to develop a kelt project summary paper that should be ready to submit to a journal for publication by early July
9. 2012 kelt database management, backup, and maintenance; submit released PITs to PTAGIS
10. Participated in planning conference calls for the Future of our Salmon conference in October
11. Reviewed material developed by NOAA for biological opinion of Yakima Basin hatchery programs and operations; began working with staff to answer questions and develop additional information that NOAA is seeking
12. Attended 2012 Yakima Basin Science & Mgmt conference
13. Monitoring of Yakima Basin juvenile outmigration with updates to web site
14. Maintenance and improvements to ykfp.org web site including 2011 PAR agenda, abstracts, and presentations.
15. Worked with Klickitat staff to further develop web site, databases and GIS systems.

## **Habitat**

- Continued directing labor crew's weed control efforts at Pott Road property. Also further meetings with city and enXco regarding acquisition of upstream property (Newhall Jones). Met with Mill Ditch president and contractor about Mill Ditch siphon maintenance.
- Prepared for and presented at Science and Mgmt conference.
- Prepared for and gave presentation at field trip with USFWS and RCO personnel at Taneum and Pott Road.
- Meeting with private landowner and personnel from The Nature Conservancy in Seattle re restoration plans and permits for lower Swauk Creek.
- Attended one day of site tours for RCO funding proposals for this year.
- Input on Reecer Creek Water quality.
- Worked on SRFB contract for Pott revegetation.
- Rec'd bids for USFWS Partners restoration project.
- Further conference calls on Scott Ditch, Church property acquisition, Brain Ranch restoration conundrum, Taneum Creek "wow" restoration results.

Also:

- Submit comments on the Union Gap CAO update.
- Monitor appeal of Yakima County's CAO - Appeals Court upheld the Yakama Nation appeal.
- Oak Creek meeting with TNC on forest resto and stream road crossing issues.
- Meet with Jim Evans of TNC on potential oak resto on habitat acquisition lands.
- Participate in Kittitas County's Technical Advisory Committee for the CAO/SMP update (6/8 meeting).
- Participate in Kittitas County's Flood Task Force (6/19 meeting).
- Participate in rule making for SEPA updates
- Develop project list for a potential WCC work crew.
- Review and monitor Kittitas County's 2012 Comp Plan update.
- Coordinate with Pat Spurgin on an appeal of Kittitas County's Administrative Segregation standards.
- Implement Nelson Springs Mitigation Plan.
- Monitor proposed road repairs on USFS land due to 2011 floods.
- Monitor Manastash Creek floodplain restoration post May flood event and numerous land owner impacts.
- Monitor Yakima County's proposal to "streamline" its entire development code.
- Monitor WSDOT's proposed reconstruction of HWY 410 through the Nile.
- Review and monitor HPA notices from WDFW within ceded lands

- Review and monitor SEPA notices within ceded lands.
- Active participation in Yakama Nation's Department of Natural Resources Ceded Lands Working Group.
- Various reviews of local government project and non-project notices.

## Management, Data and Habit - July 2012

### Management

Yakima/Klickitat Fisheries Project, (YKFP) Management: Given all of the tasks and work elements the Yakama Nation (YN) has, we still coordinate the fulfillment of these responsibilities with the Washington Department of Fish and Wildlife. Aside from the daily activities within the two sub-basins, the YN as the Lead Agency, has taken on a vast level of responsibilities in the over-all effort of multi-specie salmon restoration.

The daily operation and coordination primarily lies within the effectiveness of the lead biologist for that specie/task. Also, on a monthly basis, the YKFP Policy Group meets to address various aspects of the YKFP. The Policy Group (PG) consists of representation from WDFW and the YN. This process compliments the ability coordinate the achievements and goals of the YKFP. Again, the YKFP is an all-stock initiative for the two sub-basins. Aside from the monthly PG meetings, there is an annual Project Annual Review that is presented at which the public is invited. Within recent years, it's been held at Central Washington University in the month of June.

With the final draft of the Master Plan for Coho and Summer (Fall) Chinook being processed through the administrative procedure and the escalated activity with the Sockeye, (Blue Back) happening, it is apparent, that it takes a tremendous amount of administrative support to be effective in completing these tasks. Also, on certain given situations and occasions, these tasks need to be modified or adjusted. A visual observation of the Year To Date Expenses, one can realize the magnitude of financial support required on a daily basis. It's difficult to fully realize the level of support that is required to maintain an adequate level of support to achieve on a consistent basis.

The management/support area that is in place for the YKFP is very special in all regards. The stages that are in place function with a high level of intensity. We are very fortunate to have the magnitude of professionals working for the YKFP. This is especially apparent in our administrative support personnel. We can be appreciative of the amount of work that is achieved on a consistent basis. All of the administrative obligations for the YKFP are current and are being maintained in that state. We're very pleased to announce that all is fine and we intend to maintain that status through the next month.

This concludes our summary for this month. Thank You.....Melvin R. Sampson, YKFP, PAPC

### Data

1. Worked with Cle Elum hatchery staff to input and finalize June month-end rearing (growth and survival) data for 2011 brood
2. Completed 2nd quarter 2012 water reports for Cle Elum water usage and submitted to state DOE
3. Updated 2012 Bonn., Prosser, and Roza Dam spring chinook counts and PIT detections to YKFP and DART web sites and local trend tracking data sets; used data to develop in-season run size projections; prepared updates for YKFP Policy and technical staff
4. Updated Yakima R. spring chinook harvest monitoring data base; prepared summary reports
5. Maintained, enhanced, backed up and performed quality control of steelhead kelt database; updated PIT data for 2012 steelhead kelt releases to PTAGIS
6. Quality control and submittal of mid-Columbia coho release data to regional mark (CWT) info. system
7. Reviewed and commented on D. Neeley annual reports; edits and updates to annual report for BPA M&E contract
8. Participated in tribal staffs conference calls to plan for October CRITFC "Future of our Salmon" conference
9. Participated in regional monitoring processes/conference calls: Coordinated Assessments, Monitoring Methods, Integrated Status and Trends
10. Continued work on "YN Fisheries progress report" which attempts to summarize status of all fisheries and habitat restoration projects YN is implementing throughout ceded lands; developed powerpoint presentation of this progress report for potential presentation to NPCC at Aug. 7 meeting in Spokane
11. Finalized 2012 revision of Klickitat Master Plan; developed cover letter and CDs of the plan for distribution to NPCC and BPA
12. Presented Yakima Basin Summer and Fall Run Chinook and Coho Master Plan to Fish and Wildlife Committee for approval to move into NPCC 3-step review and implementation

13. Maintenance and updating of Prosser video DB
14. Kelt paper work: assist CRITFC staff in finalizing characteristics summary paper, continued work on survival paper
15. Continued coordination and work with NOAA re development of biological opinion for Yakima Basin hatchery and M&E programs
16. Worked with staff re MDH contract and SOW updates
17. Monitoring of Yakima Basin juvenile outmigration with updates to web site
18. Maintenance and improvements to ykfp.org web site.
19. Worked with Klickitat staff to further develop web site, databases and GIS systems.

## **Habitat**

1. Continued directing labor crew's weed control efforts at habitat parcels. Mowed a 1.5 acre Canadian thistle patch at the Holmes property.
2. Meeting with private landowner and personnel from The Nature Conservancy at the McNaul property on lower Swauk Creek regarding the restoration project planned for that property. Marked 105 trees for possible thinning and placement in the creek prior to meeting.
3. Selected a contractor for USFWS Partners restoration project. Obtained material for project, which was donated by Puget Sound Energy. This required numerous phone calls, marking 237 trees and meetings onsite with the timber contractor. However, the added benefit from obtaining donated material was tremendous.
4. Onsite meeting with BPA, Otak (consulting company) re the Boones Pond mitigation project.
5. Prepared for and gave presentation at field trip State Rep., Bruce Chandler and others at the Manastash passage project, and the Reecer floodplain restoration project.
6. Attended Technical Advisory group meeting set up by City of Yakima for the floodplain restoration project adjacent to city's wastewater treatment plant.
7. Implemented Spring Creek Instream woody material restoration project.
8. Meeting with BPA's COTR Mary Todd Haight re future projects.
9. Further conference calls on Scott Ditch, Church property acquisition, Brain Ranch restoration conundrum, Taneum Creek "wow" restoration results.

## **Also:**

1. Participate in Kittitas County's Technical Advisory Committee for the CAO/SMP update. Prepare comments on;
    - a. Draft wetlands BAS and recommended updates.
    - b. Draft frequently flooded areas BAS and recommended updates.
    - c. Draft fish and wildlife conservation areas BAS and recommended updates.
    - d. Draft shoreline inventory and characterization
  2. Participate in Kittitas County's Flood Task Force. BOCC Hearing 07/17.
  3. Attend Wa Planners forum in Moses Lake - SMP updates 7/25.
  4. Participate in rule making for SEPA updates. Letter sent to DOE with a recommendation that I be appointed to a work group for rule making.
  5. Develop project list for a potential WCC work crew.
  6. Review and monitor Kittitas County's 2012 Comp Plan update.
    - a. Prepare comments on rural lands and the conservation of critical areas. Joint PC/BOCC meeting 07/23
  7. Coordinate with Pat Spurgin on an appeal of Kittitas County's Administrative Segregation standards.
    - a. Negotiated settlement in progress, staff recommendation is to continue with the appeal process, but defer to Pat.
  8. Implement Nelson Springs Mitigation Plan.
    - a. JARPA should be approved soon.
    - b. need to order spawning gravel and schedule WCC crew.
  9. Monitor proposed road repairs on USFS land due to 2011 floods.
    - a. Continuing discussion on Road 1501, Little Rattlesnake.
  10. Monitor Manastash Creek floodplain restoration post May flood event and numerous land owner impacts.
1. Monitor Yakima County's proposal to "streamline" its entire development code.

2. Monitor WSDOT's proposed reconstruction of HWY 410 through the Nile.
3. Review and monitor HPA notices from WDFW within ceded lands
4. Review and monitor SEPA notices within ceded lands.
5. Active participation in Yakama Nation's Department of Natural Resources Ceded Lands Working Group.
6. Various reviews of local government project and non-project notices.

Passage – Hank Fraser

1. Directed labor crew's watering and weed control efforts at the Middle Swauk Project.
2. Prepared for and gave presentation at field trip State Rep., Bruce Chandler and other republicans at the Bruton Diversion on Taneum Creek.
3. Met with private landowner, Engineer Paul Tappel and WDFW personnel regarding the Scott Ditch Screen.
4. Conducted a backwater study on the S. Naches Channel to see what effects, if any, would result from checking up the Scott diversion an additional foot
5. Helped with additional surveying work for the base-mapping of the Scott Ditch site
6. Traveled with Paul Tappel to Hood River Oregon to view existing "Farmer's Screens."
7. Examined the Wold Ditch gravel berm that failed this spring to separate the cascade bypass from Wold Ditch.
8. Attended an ACOE permitting forum in Ellensburg
9. Mowed thistle and other weeds on the Pott property
10. Met twice with KCT, Forterra, EXCO, Pat Deneen to decide whether the Currier Creek Project warrants ENXCO funding for mitigation
11. Surveyed the Currier Creek site with the Ellensburg Water Company Manager to look at the bridge that will require re-building for construction vehicles
12. Submitted my best guess on existing and future projects relative to timing, budget and out-year work
13. Heard that Fisheries Engineers was put on contract so that I can now begin the design of several passage projects.

## **Management, Data and Habitat – August 2012**

### **Management**

The Yakima/Klickitat Fisheries Project (YKFP) Summary for this month will address the Administrative aspect for the YKFP. We remain in a co-management arrangement with the Washington Department of Fish and Wildlife (WDFW) of which we have monthly YKFP Policy Group meetings or as otherwise arranged.

The Yakama Nation (YN) serves as the Lead Agency, which is primarily responsible for the day to day operations.

The Policy Group has a WDFW and YN representative on it of which the monthly sessions usually includes Bonneville Power personnel and other key Project personnel in attendance. The WDFW and the YN both primarily operate under various contracts with BPA. The BPA has the congressional authority to provide these contracts consistent with the objectives contained in the Power Act.

Through these various contracts, the YN is primarily involved in; Habitat Restoration, Habitat Parcel purchase, Habitat Maintenance; Fish Passage Restoration; Data Accumulation/Log; Administrative Support; Operation and Maintenance, (Upper & Lower Yakima, Cle Elum and Klickitat). These sites are where the Fish Production Facilities are located; Monitoring and Evaluation of all species; and Construction functions in both Sub-Basins. To achieve all of the work elements and tasks addressed within the contracts, our employment figure exceeds one hundred permanent, temporary and seasonal employees.

Contract, Management, Data, and Habitat: This contract incorporates adequate administrative, and management level of personnel for the YKFP. This includes financial management and coordinator personnel. It also includes the management personnel including the Research Manager. It also includes the Data Manager and three Habitat relative personnel including the Habitat Manager. There immediate work elements includes Habitat Restoration and Habitat Parcel recommendation for purchase. The Financial management includes compliance and invoicing. The overall manager is included in this contract.

Operation and Maintenance (Upper and Lower): This contract covers all of the necessary functions for operating the production facilities, (Hatcheries) at Cle Elum, Prosser and Marion Drain. The Klickitat Hatchery has a separate contract which isn't with BPA. The production, including the site managing Biologist(s), fish culturist and technicians, and a portion is applied the financial management. The

fish species located at Cle Elum is Upper Yakima Spring Bright Chinook. Species located at Prosser and Marion Drain is Coho, Fall Chinook, and steelhead. Prosser facility is doing Kelt Reconditioning with the Steelhead.

Monitoring and Evaluation: This contract covers all of the monitoring aspects such as spawning surveys and out migration of juveniles. It also includes the tagging of juveniles, genetics and Avian Predation. Video monitoring at Prosser is done under this contract. Video monitoring is in its final stages for the Klickitat sub-basin.

Construction contracts: These contracts basically are independent in nature. They are case specific for that specific task or project and are handled accordingly. Currently, a major passage contract for the Klickitat river is in its' final stages. Some construction project is taking place at the Prosser site.

All of the referenced contracts, which involve daily operational coordination in all regards, requires an adequate number of financial and management personnel. Thus far, we've been very fortunate in being able to have an adequate number of personnel. Although we did experience a mild set back in our accounts payable which has since been resolved.

This concludes our YKFP Management Summary Report. FISH ON !!!!!!!

## **Data**

1. Worked with Cle Elum hatchery staff to input and finalize July month-end rearing (growth and survival) data for 2011 brood.
2. Began finalizing 2012 spring chinook adult migration data including dam counts and Yakima River harvest. Produced preliminary escapement reports and emailed to members of YKFP policy and technical teams.
3. Monitored return of PIT-tagged adult steelhead and summer Chinook to Bonneville; updated tracking databases
4. Finalized 2011 annual report to BPA for the YKFP monitoring and evaluation contract; posted to Pisces on 8/10.
5. Continued monitoring of Roza counts; backing up database and posting latest counts to ykfp.org and DART
6. Prepared database and tags to assist in 2012 Cle Elum spawning process
7. Initialized and tested 2012 Denil and Cle Elum spawner databases for use this fall; attended pre-spawn meeting at CESRF
8. Began re-work of a manuscript documenting benefits of long-term kelt reconditioning relative to transported and natural kelt migration.
9. Attended national AFS meeting in Minneapolis; presented talk titled "Using Hatchery Supplementation to Sustain Fisheries in a Barrier-Constrained River System"
10. Updated Prosser video DB to allow entry of Castile Falls video data
11. Updated data set for Neeley statistical analysis of supplementation vs hatchery control releases from Clark Flat
12. Klickitat Master Plan updates/corrections to resolve some inconsistencies with BPA EIS documents
13. Participated in conference calls and e-mails with YN and CRITFC staff pursuant to fall chinook master planning efforts and tribal efforts to re-program some John Day mitigation production to release sites in the lower Yakima
14. Participated in conf. calls with inter-tribal and CRITFC staffs to plan for October Future of our Salmon conference

## **Habitat**

1. Continued directing labor crew's efforts at habitat parcels. Placed wood in a small trib immediately adjacent to the Yakima Mainstem on the Tom Brunson property.
2. Further meetings with The Nature Conservancy at the McNaul property on lower Swauk Creek regarding the restoration project planned for that property. Showed property to YN archeologist and cultural resources tech, as well as the Swauk Valley Ranch property downstream.
3. Gave six hour tour to two COTR's from BPA, visiting 10 sites.
4. Attended Masters Thesis defense on freshwater mussels in the Yakima Basin.
5. Attended meeting on CRITFC Tribal Restoration Plan update.
6. Provided input on comments to USFS on road rebuild to address flood damage.
7. Assessed fire damage at two properties in Lower Swauk Creek.
8. Attended USFS tour of Swauk Pine project. Gave presentation to group on phase one of Williams Creek Large woody material that was implemented last winter.
9. Began implementing project on Harris and Holmes habitat parcels, funded by USFWS Partners restoration project. Flagged sites, directed pre construction activities undertaken by labor crew.
10. Reviewed latest plan from BPA re the Boones Pond mitigation project.

11. Organized and moderated a meeting with owners of Brain Ranch and representatives from Forterra, BPA, WDFW on protection opportunity.
12. Met with Kittitas County Planning Department RE Spring Creek restoration, and Boones Pond mitigation project.

**Also:**

1. Participate in Kittitas County's Technical Advisory Committee for the CAO/SMP update. Review and prepare comments on;
  - a. Draft geologic hazards BAS and recommended updates.
  - b. Draft critical aquifer recharge area BAS and recommended updates.
  - c. Draft shoreline inventory and characterization.
  - d. Draft channel migration zone delineation on the Teanaway.
  - e. Draft shoreline environmental designations.
2. Participate in Kittitas County's Flood Task Force.
3. Participate in rule making for SEPA updates. First meeting 08/14.
4. Consult with Union Gap on amendments to its CAO.
5. Review and monitor Kittitas County's 2012 Comp Plan update.
  - a. Prepare comments on rural lands and the conservation of natural resources.
6. Coordinate with Pat Spurgin on an appeal of Kittitas County's Administrative Segregation standards.
  - a. Negotiated settlement in progress, staff recommendation is to continue with the appeal process, but defer to Pat.
7. Implement Nelson Springs Mitigation Plan.
  - a. JARPA should be approved soon.
  - b. need to order spawning gravel and schedule WCC crew.
8. Monitor proposed road repairs on USFS land due to 2011 floods.
  - a. Continuing discussion on Road 1501, Little Rattlesnake.
9. Monitor Manastash Creek floodplain restoration post May flood event and numerous land owner impacts.
10. Monitor Yakima County's proposal to "streamline" its entire development code.
11. Monitor WSDOT's proposed reconstruction of HWY 410 through the Nile.
12. Review and monitor HPA notices from WDFW within ceded lands
13. Review and monitor SEPA notices within ceded lands.
14. Active participation in Yakama Nation's Department of Natural Resources Ceded Lands Working Group.
15. Various reviews of local government project and non-project notices.
16. Tributary Passage and Screening – Hank Fraser
17. Directed labor crew's watering and weed control efforts at the Middle Swauk Project.
18. Directed labor crew in repairing minor damage to log structures at the Middle Swauk Project.
19. Toured the Scott Ditch and lower Swauk projects with Sandra Fife & Mary Todd
20. Met with Paul Tappel and WDFW personnel regarding the Scott Ditch Screen.
21. Met with Tappel for additional surveying work of the Scott Ditch site
22. Worked on acquiring the Cultural permits for the Scott Ditch project
23. Toured Cle Elum Log Jams with David Gerth and Paul Ward
24. Attended YTAHP meeting in Ellensburg
25. Worked on a legal approach to the Lewis Ditch project with Spurgin
26. Submitted PISCES SOW/WE to Adrienne
27. Scheduled meeting with Hundley to look at further habitat work
28. Scheduled a Swauk presentation with McNary Mitigation Fund folks

## **Management, Data and Habit – September 2012**

### **Management**

The Yakima/Klickitat Fisheries Project (YKFP) remains as a co-manager of the resource with the Washington State Fish and Wildlife, (WSFW). This is achieved under the guidance of the Policy Group, which has equal representation from each entity. The Yakama Nation (YN) continues to be the Lead Agency, which in most regards is responsible for day to day operations.

The YN has key operational contracts with the funding agency, Bonneville Power Agency, (BPA) for implementing tasks and research activities to address the Power Council's plan(s) for Salmon and habitat restoration of the main stem and its tributaries. To address these tasks/needs, the YN normally has four over-all key contracts which are; Management, Data, and Habitat; Monitoring and Evaluation; Operation and Maintenance; and Construction Operation Management. The effective operation and achievement of the tasks in these four contracts requires a cadre of key personnel to have and maintain a distinct and clear understanding of their content.

Primarily, it involves financial personnel who effectively monitor the day to day activities of each contract, including additional personnel employed under the contract. The Manager is assisted with a coordinator, several bookkeepers and office assistant.

The contracting procedure with BPA has drastically changed over the past few years. It's commonly referred to being an exercise of micro-managing. In most regards, we are current in all of our managing requirements with one exception which is formally executing a formal no-cost extension for our MDH contract. This will be completed and achieved. It will also put the formal implementation of requesting for a separate contract for Habitat. Also, due to this situation, the previously establishment of a position for an additional habitat biologist has been deferred for now.

For Management for this past month, we've been fortunate in addressing the situations that have arisen. The Fall season annually creates additional activities for the Project, such as spawning surveys, tagging, etc. We normally put it in another gear to maintain. FISH ON !!!!!

### **Data**

1. Worked with Cle Elum hatchery staff to input and finalize August month-end rearing (growth and survival) data for 2011 brood.
2. Assisted with Cle Elum spawning activities including spawning channel fish; keeping databases up to date, quality control, and reporting weekly spawner summary activity and egg take.
3. Monitored return of PIT-tagged adult steelhead to Bonneville; updated tracking databases
4. Continued monitoring of Prosser and Roza counts; backing up databases and posting latest counts to ykfp.org and DART
5. Assisted Dr. Fast with planning and preparation for NPCC presentation
6. Participated in conference calls and e-mails with YN and CRITFC staff pursuant to fall chinook master planning efforts and tribal efforts to re-program some John Day mitigation production to release sites in the lower Yakima
7. Participated in conf. calls with inter-tribal and CRITFC staffs to plan for October Future of our Salmon conference
8. Prepared for and participated in YN/CRITFC staff meeting to plan for 2012 reconditioned kelt release
9. Reviewed ISRP comments on recent Klickitat and Yakima Master Plan submittals
10. Prepared Cle Elum spring Chinook spawning/redd and Yakima steelhead habitat/kelt reconditioning posters for BPA 75<sup>th</sup> anniversary and CRITFC "Future" conference
11. Reviewed AFS peer-review edits and prepared updated manuscript responding to majority of comments for steelhead kelt reconditioning paper.

### **Habitat**

- Submitted three permits for habitat restoration projects, including Williams Creek restoration, Spring Creek restoration, Lower Swauk restoration, on road rebuild to address flood damage.
- Selected contractor for Lower Swauk restoration project.
- Numerous meeting with private landowner immediately upstream of lower Swauk regarding restoration on his property. Filled out Forest Practices Permit application for work on his property.
- Completed implementation of restoration projects on Harris and Holmes habitat parcels, funded by USFWS Partners restoration project. Gave tour of project to USFWS staff.
- Attended YKFP Policy Group meeting.
- Conducted monitoring activities on Taneum Creek with three biologists.
- Discussed Boones Pond mitigation project with YKFP staff and BPA.
- Attended Manastash Creek restoration quarterly update meeting.
- Assessed habitat conditions at Cle Elum Hatchery Section 32. Wrote preliminary notes on required restoration actions.
- Marked Trees on Williams Creek for future thinning.



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**Also:**

Coordinate new WCC crew for Naches/Middle Yakima. Draft schedule includes:

- Maintenance of Harris, Fortune, Foster, Nelson Springs, Henne, and Granger acquisitions;
- Co-ordinate with WDFW and Nature Conservancy in Oak Creek;
  - potential projects in Oak Flats on Naches;
- Co-ordinate with Cowiche Canyon Conservancy on Snow Mt Ranch, Jenner-John, Lamas;
- Co-ordinate with Mid-Columbia on Heavenly Hills on Yakima River and Fulbright Park on Ahtanum;
- Co-ordinate with USFS on Little Naches;
- Co-ordinate with private landowner (Inouye) on Rattle Snake Creek
- Participate on SEPA rule making advisory committee, meeting 09/11, 10/2, 10/15.
- Participate in Kittitas County's Technical Advisory Committee for the CAO/SMP update.
- Participate in Kittitas County's Flood Task Force.
- Consult with Union Gap on amendments to its CAO.
- Review and monitor Kittitas County's 2012 Comp Plan update.
  - Prepare comments on rural lands and the conservation of natural resources.
- Coordinate with Pat Spurgin on an appeal of Kittitas County's Administrative Segregation standards.
  - Negotiated settlement in progress.
- Implement Nelson Springs Mitigation Plan.
  - Permits should be approved soon.
- Monitor proposed road repairs on USFS land due to 2011 floods.
  - Continuing discussion on Road 1501, Little Rattlesnake.
- Monitor Manastash Creek floodplain restoration post May flood event and numerous land owner impacts.
- Monitor Yakima County's proposal to "streamline" its entire development code.
- Review and monitor HPA notices from WDFW within ceded lands
- Review and monitor SEPA notices within ceded lands.
- Active participation in Yakama Nation's Department of Natural Resources Ceded Lands Working Group.
- Various reviews of local government project and non-project notices.

**Tributary Passage:**

1. Monitored fire progression along Swauk Creek; attempted to gain access to the Middle Swauk Project to water and apply browse control
2. Met with Kittitas County Sherriff's deputy regarding access into the Swauk Project  
Met with Rick Hundley and discussed future project potential on his ownership adjacent to the Yakima River
3. Contacted RCO regarding potential projects on the Hundley Property
4. Met with Kittitas County Development Services to make maps depicting the possible connection of Hundley pond to Nelson Creek/Yakima River
5. Continued to read and forward Scott Ditch engineering memos and drawings to WDFW; construction is due to start in October
6. Worked with Jen Nelson, WDFW, to facilitate cultural permitting through BPA for the Scott Ditch Project
7. Participated in the Brain meeting – ford removal and bridge construction were implied as fish passage components of the deal
8. Met with KCT (David Gerth) and Mitch Long who will be assisting David in the future on projects that the Yakama Nation will participate in
9. Drafted letters with Pat Spurgin re: Yakama Nations' response to SNID's reluctance to allow the Lewis Ditch Project on YN terms
10. Worked on engineering contract for the Lewis Ditch Project  
**Worked with (against?) DOE** on an approach to closing the Storm water Permit for the Middle Swauk Project
11. Had several PISCES work sessions relative to the Habitat Contract

## Management, Data & Habitat – October 2012

### Management

The YKFP Management responsibilities are addressed and maintained by a cadre of effective and responsible bookkeepers with immediate oversight provided by the Project Coordinator. This is a vast undertaking since it includes all of the funding contracts for the Klickitat and Yakima sub-basins. The YKFP still remains an all stock initiative under the leadership of its' co-managers, Washington Department of Fish and Wildlife, (WDFW). Both entities have relative contracts with the Bonneville Power Administration, (BPA). The Yakama Nation serves as the Lead Agency for the YKFP.

In terms of an annual operation, it requires a multitude of close out, compliance, and monitoring functions on a continued basis. Each contract requires astute attention to assure full compliance on a sustained basis. With the performance periods being different and complicated by the recognition of the fiscal year time frame, it requires their full attention on a constant basis. The cadre of personnel must also maintain a timely coordination with each lead biologist in charge of the contract functions.

The overall operation with contracts being channeled through the ACCORD procedure, we have experienced some procedural complications, which create a level of confusion that is very difficult to understand, especially with the BPA personnel involved. It's become readily apparent that the process has taken us out of the loop. These experiences that we've entertained since the inception of the ACCORD has caused us to have second thoughts of its' procedure. At this stage, we're trying to maintain with questionable thought towards the ACCORD procedure.

The good news is that the seasonal obligations are all being achieved such as the spawning surveys, tagging juveniles, spawning at Cle Elum and all the other tasks.

Again, our YKFP bookkeepers are still doing a very excellent job in addressing all the administrative procedures and requirements. Any noted complications are and have been addressed. They're to be commended. This concludes this month's summary. Thanks and GO SAN FRANCISCO!!!!!!!!!!

### Data

1. Worked with Cle Elum hatchery staff to input and finalize Sept month-end rearing (growth and survival) data for 2011 brood.
2. Completed 3<sup>rd</sup> quarter 2012 water reports for Cle Elum water usage and submitted to state DOE
3. Assisted with Cle Elum spawning activities; keeping databases up to date, quality control, and reporting weekly spawner summary activity and egg take.
4. Prepared mark schedule for Brood Year 2011 Cle Elum spring chinook
5. Monitored return of PIT-tagged adult steelhead to Bonneville; updated tracking databases
6. Continued monitoring of Prosser and Roza counts; backing up databases and posting latest counts to ykfp.org and DART
7. Participated in conference calls and e-mails with YN and CRITFC staff pursuant to fall chinook master planning efforts and tribal efforts to re-program some John Day mitigation production to release sites in the lower Yakima
8. Participated in conf. calls with inter-tribal and CRITFC staffs to plan for October Future of our Salmon conference; attended conference on Oct. 18
9. Prepared for and participated in 2012 reconditioned kelt release work-up on Oct. 10
10. Began preparation of response to ISRP comments on Klickitat Master Plan submittal
11. Continued work preparing data for manuscript on steelhead kelt reconditioning survival
12. Worked with YN, CRITFC, and WDFW staff to consider options for reproductive success study using tank- and ocean-reconditioned kelts that will be returning to Roza Dam in the spring of 2013
13. Reviewed information from regional Program Evaluation and Reporting Committee (PERC) process; worked with CRITFC to prepare briefing materials for tribal policy folks on this process
14. Prepared web pages for YKFP master project and Yakima steelhead VSP project for new YN Fisheries web site
15. Assisted with Status and Trends Reporting project; reviewed report templates

### Habitat

- Began implementation of Lower Swauk restoration project. Developed dewatering plan, provided input on tree selection and methods for placement, oversaw wood replenishment aspects of project, assisted with fish salvage operations.
- Oversaw activities of the Washington Conservation Corps, including thinning piling in Taneum Stream-adjacent upland areas, Jack Creek confluence riparian and floodplain restoration, maintenance at Holmes

property, Lower Swauk Creek revegetation with The Nature Conservancy, Taneum confluence coho passage improvement, transport and placement of large woody material at Brunson and Gross property.

- Measured side channel extent, floodplain improvements in Taneum Creek.
- Reviewed and modified construction budget for Boones Pond mitigation project.
- Provided all information for Forest Practices Permit Application on Williams Creek, assisted with development of protection plan for historic resources identified in the historic data base.
- Attended budget meetings with YKFP staff.
- Gave presentation to Tapash aquatics and executive team on low-cost, high-benefit approach to watershed restoration.
- Held meeting with BPA COTR regarding PISCES reporting and status of Lower Swauk Restoration project.

### **Trib passage and screening-- Hank**

- Met with landowner's representative to discuss post-fire work at Middle Swauk
- Picked up pumps, etc. at Middle Swauk
- Presented the Swauk Project to the Wasco PUD Board (McNary Mitigation Fund)
- Did survey work on Reecer Creek with Paul Tappel
- Met with Paul Tappel and WDFW personnel regarding the Scott Ditch Screen.
- Cancelled the Lewis Ditch Project in the near-term because of conflicts with SNID (maybe Feb.)
- Met with David Gerth and Mitch Long regarding projects on Currier Creek, Cle Elum River and Hundley
- Attended YTAHP meeting in Yakima to discuss changes to the Strategic Plan
- Worked on a legal approach to the Lewis Ditch project with Spurgin & others
- Met with Mary Todd and Scott to work on the quarterly report
- Scheduled meeting with Hundley, Tappel, William Meyer, Dave Gerth to look at further habitat work based on survey by Tappel.

- Data collection on the Taneum Creek wood replenishment project.
- Benton County SMP Advisory Committee meeting 10/18.
- Coordinate with Tom Zielman on the appeal of Yakima County's CAO.
  - Court of appeals ruled in the tribes favor, and upheld that the stream buffers do not meet the science requirements.
  - Meet with Tom Z on 10/16.
  - Meet with Yakima County 10/18.
- Coordinate new WCC crew for Naches/Middle Yakima. Draft schedule includes:
  - Maintenance of Harris, Fortune, Foster, Nelson Springs, Henne, and Granger acquisitions;
  - Co-ordinate with WDFW and Nature Conservancy in Oak Creek;
    - potential projects in Oak Flats on Naches;
  - Co-ordinate with Cowiche Canyon Conservancy on Snow Mt Ranch, Jenner-John, Lamas;
  - Co-ordinate with Mid-Columbia on Heavenly Hills on Yakima River and Fulbright Park on Ahtanum;
  - Co-ordinate with USFS on Little Naches;
  - Co-ordinate with private landowner (Inouye) on Rattle Snake Creek
- Participate on SEPA rule making advisory committee, meeting 10/2, comments submitted 10/5.
- Participate in Kittitas County's Technical Advisory Committee for the CAO/SMP update.
- Participate in Kittitas County's Flood Task Force.
- Consult with Union Gap on amendments to its CAO.
- Review and monitor Kittitas County's 2012 Comp Plan update.
  - Staff recommendation released 10/04.
  - Prepare comments on rural lands and the conservation of natural resources.
- Monitor Kittitas County's Administrative Segregations for the final 90 days based on the negotiated settlement.
- Implement Nelson Springs Mitigation Plan.
- Monitor proposed road repairs on USFS land due to 2011 floods.
  - Continuing discussion on Road 1501, Little Rattlesnake.

- Monitor Manastash Creek floodplain restoration post May flood event and numerous land owner impacts.
- Monitor Yakima County's proposal to "streamline" its entire development code.
- Review and monitor HPA notices from WDFW within ceded lands
- Review and monitor SEPA notices within ceded lands.
- Active participation in Yakama Nation's Department of Natural Resources Ceded Lands Working Group.
- Various reviews of local government project and non-project notices.

## **Management, Data & Habitat - November 2012**

### **Management**

Monthly Summary Report: The YKFP Management summary report for this past month basically revolved measurably around what was submitted last month. Thus, some of the information is worth repeating, primarily due to the importance of it. This month's summary report will then be shortened to some degree.

The YKFP Management responsibilities are addressed and maintained by a cadre of effective and responsible bookkeepers with immediate coordination oversight. They are under the immediate leadership of the Program Coordinator on a daily basis. This represents a vast undertaking since it includes all of the funding contracts for the Klickitat and Yakima sub-basins. The YKFP still remains an all stock initiative under the leadership of its' co-managers, including the Washington State Department of Fish and Wildlife. The Yakama Nation serves as the Lead Agency for the YKFP.

In terms of an annual operation, it requires a multitude of close out, compliance and monitoring functions on a continued basis. Each contract must be monitored on a continued basis throughout its performance period. In most cases, the performance periods may be different, thus causing the close outs, etc., to be required at different times. The cadre of bookkeepers must also maintain a tight schedule and coordination with the Lead Biologist for each respective contract. This coordination is critical in fulfilling the objectives and tasks contained in each contract. In order to compliment their ability, we seek out appropriate training that will cause their ability to be more consistent with the changing times.

In last months' report reference was made to the ACCORD and its' operational aspects with BPA. They remain the same with a meeting with key BPA personnel being planned. It is hoped, as a result of the meeting, everything will be current and acceptable. In closing, all of the seasonal obligations are all being achieved, such as the spawning surveys, tagging, spawning at the production facilities, etc. The personnel designated to carry out these tasks have been doing an excellent job. The YKFP has a core group of employees that have been cross trained, both as Fish Culturists and Fish Technicians. Some have taken lead roles and are doing a commendable job on a continued basis.

This concludes the summary coverage and we continue to maintain and progress within the YKFP for our treasured resource, The Salmon.....Fish On!!!!

### **Data**

1. Worked with Cle Elum hatchery staff to input and finalize Oct month-end rearing (growth and survival) data for 2011 brood.
2. Monitored return of PIT-tagged adult steelhead to Bonneville; updated tracking databases
3. Continued monitoring of Prosser and Roza counts; backing up databases and posting latest counts to ykfp.org and DART
4. Submitted adult-tagged PIT codes for Roza and Prosser Denil operations to regional PTAGIS database; conducted quality control and corrected data sets as necessary
5. Updated spring Chinook data sets with data necessary to produce 2013 Yakima River forecast; prepared and distributed forecast
6. Scheduled, participated, and distributed minutes for Yakima Basin spring Chinook internal project review
7. Continued work on response to ISRP comments on Klickitat Master Plan submittal
8. Prepared YN letter on necessity of enforceable data sharing agreements in response to Coordinated Assessments process
9. Continued work with YN and CRITFC staffs regarding fall Chinook John Day mitigation and how the U.S. v Oregon negotiations with the U.S. Army Corps of Engineers intersects with the recently prepared Master Plan for Yakima Basin fall Chinook and coho
10. Continued work preparing data for manuscript on steelhead kelt reconditioning survival

11. Worked with YN, CRITFC, and WDFW staff to consider options for reproductive success study using data for steelhead sampled at Roza Dam from 2002-2012
12. Reviewed web pages for new YN Fisheries web site
13. Coordinated with Status and Trends Reporting project
14. Self-training on using new PTAGIS web tools which become mandatory in 2013

## **Habitat**

- Completed Lower Swauk restoration project for this year. Placed over 300 logs in the stream and floodplain at two locations. Installed three engineered log jams. Installed 500+ native plants. Moved a mile of access road away from the creek. Ran tour with USFWS onsite.
- Attended Technical Work Group meeting for habitat restoration proposal on lower Cle Elum River.
- Oversaw activities of the Washington Conservation Corps, including plantings at lower Swauk, Jack Creek confluence riparian and floodplain restoration, maintenance at Holmes property, Nelson Springs stream restoration and lower Reecer revegetation. Also, placement of large woody material at Brunson property.
- Provided even more input on Boones Pond mitigation project.
- Met with Bull Canal irrigators on proposed wood placement in Spring Creek.
- Attended budget meetings with YKFP staff.
- Filled out forms for Pott Road habitat restoration project.
- Assisted with repairs budget request for Holmes buildings.
- Held meeting with BPA COTR regarding land acquisitions.
- Attended meeting with NOAA, WDFW and other YN staff regarding USFS latest road projects in Taneum, little Rattlesnake creeks.  
Trib passage and screening—Hank
- Got bids on repair work at Middle Swauk; Thayer Exc. was low bid. Work will take place after ground is frozen and if water is low.
- Reviewed engineering drawings for projects on Scott Ditch, Reecer Creek, Wold Ditch and Hundley
- Met / talked with Paul Tappel regarding the beginning of construction on Scott Ditch Screen.
- Met again with David Gerth and Mitch Long (KCT) regarding projects on Currier Creek, Cle Elum River and Hundley.
- Wrote a grant proposal to WASCO for the Cle Elum River Project (working with KCT)
- Redd surveys with Jen Nelson on Cooke and Reecer/Currier
- Developed plans & costs for Holmes Property house foundation
- Scheduled work with Tappel to continue collecting survey data at Reecer Creek sites.

### Also:

- Benton County SMP Advisory Committee meeting 11/8.
  - Review and prepare comments on the SMP inventory and characterization.
- Coordinate with Tom Zielman on the appeal of Yakima County's CAO.
  - Met with Yakima County 10/18 to negotiate a settlement. Follow up meeting 11/14.
  - Develop proposed code revisions to address stream buffers.
- Participate on SEPA rule making advisory committee, meeting 11/12, comments due 12/15.
- Consult with Granger on adoption of a CAO.
- Review and monitor Kittitas County's 2012 Comp Plan update.
- Monitor Kittitas County's Administrative Segregations for the final 90 days based on the negotiated settlement.
- Finalize Nelson Springs Mitigation Plan. Completed 11/06.
- Participate in Kittitas County's Technical Advisory Committee for the CAO/SMP update.
- Participate in Kittitas County's Flood Task Force.
- Monitor proposed road repairs on USFS land due to 2011 floods.
  - Continuing discussion on Road 1501, Little Rattlesnake.
- Monitor Manastash Creek floodplain restoration post May flood event and numerous land owner impacts.
- Monitor Yakima County's proposal to "streamline" its entire development code.
- Review and monitor HPA notices from WDFW within ceded lands

- Review and monitor SEPA notices within ceded lands.
- Active participation in Yakama Nation's Department of Natural Resources Ceded Lands Working Group.
- Various reviews of local government project and non-project notices.

## **Management, Data & Habitat December 2012**

### **Management**

The Management aspect of the Yakima/Klickitat Fisheries Project primarily revolves around maintaining a constant level of compliance with all of the contracts. Basically, the contracts are with the Bonneville Power Administration (BPA) and some other Federal Agencies, i.e., National Oceanic and Atmospheric Administration, (NOAA), and others. The operation of the YKFP is done with the Washington Department of Fish and Wildlife (WDFW) as co-managers of the YKFP. This is achieved through an existing agreement and the YN serves as the Lead Agency.

The YKFP is involved in a number of tasks which includes various elements of research and production of various species. The Klickitat and Yakima sub-basins are universally involved in all aspects of various species which includes four production facilities. Collectively, a multitude of tasks and research are being addressed including passage and habitat related activities for various species. A major task revolves around 'testing the concepts of supplementation'. A major factor relates to some of these tasks which requires multi-year monitoring to gain realistic data for bettering the status and conditions of all species. It is often realized that salmon restoration in most regards is a forever task.

This month, as previously referenced, the Yakama Nation, (YN) is involved in a funding procedure that involves being included in an ACCORD procedure. In this process, the YN is supposed to be represented and treated as one entity for funding considerations, i.e., Fisheries Resource Management (FRM) and YKFP. Since all or most of the administration aspects are or have been addressed, we will site our concerns on the ACCORD procedure as we currently understand it. Given the understanding that the stipulated address has been referenced that we are one entity and would be treated accordingly. The experience that we have had does not bear this out. Basically, it all started in the alleged negotiation process where the YKFP did not have appropriated representation involved. This has been further extended to the transfer of funds without including the YKFP of which were directly impacted.

This ultimately has created some major short comings. Since we formally requested to have the funds reinstated which has a direct bearing on funding for 2013 for the Management, Data, and Habitat funding. To this date, we haven't been notified of any corrective procedure. As we wait for some positive action, we haven't had full reliance on the administrative procedure involved in the ACCORD arrangement. Thus, this concludes our summary for this month.....FISH ON!!!!

### **Data**

1. Worked with Cle Elum hatchery staff to input and finalize Nov month-end rearing (growth and survival) data for 2011 brood; prepared quality control database for recently completed marking operations on this brood.
2. Continued monitoring of Prosser and Roza counts; backing up databases and posting latest counts to ykfp.org and DART
3. Continued to update submittals for adult-tagged PIT codes for Roza and Prosser Denil fall season operations to regional PTAGIS database; conducted quality control and corrected data sets as necessary
4. Began updates to BPA annual report for YKFP M&E project with 2012 data
5. Continued work on response to ISRP comments on Klickitat Master Plan submittal
6. Worked with YN staff to develop and discuss "Plan B" options for Klickitat Hatchery upgrades and Wahkiacus construction given present funding status from BPA
7. Continued work with YN and CRITFC staffs regarding fall Chinook John Day mitigation and how the U.S. v Oregon negotiations with the U.S. Army Corps of Engineers intersects with the recently prepared Master Plan for Yakima Basin fall Chinook and coho
8. Continued review of web pages for new YN Fisheries web site
9. Worked with new employee in Twisp office regarding use of Microsoft Access
10. Continued evaluation of data relevant to Yakima steelhead reconditioned kelt post-release survival
11. Coordinated meeting of Yakima spring Chinook technical (MIPT) team to discuss the status of the Roza adult-to-adult DNA pedigree study; distributed meeting background / briefing materials
12. Coordinated with Status and Trends Reporting project
13. Continued self-training on using new PTAGIS web tools which become mandatory in 2013

## Habitat

- Completed Lower Swauk restoration project for this year. Placed over 300 logs in the stream and floodplain at two locations. Installed three engineered log jams. Installed 500+ native plants. Moved a mile of access road away from the creek. Organized and ran tour with three USFWS and two TNC representatives.
- Attended BPA/YN Accords expenditures meeting.
- Oversaw activities of the Washington Conservation Corps, including plantings and erosion control at lower Swauk, maintenance at Holmes property, Taneum Creek fuels management, and lower Reecer mulching.
- Provided even more input on Boones Pond mitigation project.
- More discussions with Bull Canal irrigators on proposed wood placement in Spring Creek.
- Meetings and discussion with repairs budget request for Holmes buildings.
- Attended BOR Integrated Plan for water management quarterly meeting.
- Conferenced with WCC “higher-up” and MCFEG personnel regarding crew scheduling.
- **Ate deer meat.**  
Tributary passage and screening—Hank
- Thayer Exc. is scheduled to begin work on repairs Thursday, the 20<sup>th</sup> at Middle Swauk.
- Scott Ditch Headworks have been formed and poured. We are waiting on rebar to begin forming up the slab and walls for the main screen.
- The Reecer Creek survey was done on the 11<sup>th</sup> and 12<sup>th</sup> so that Paul Tappel can design a screen and passage at the site.
- Wold Ditch design is complete. Construction of pre-cast concrete forms will be done this winter when the WCC crew returns from the east coast.
- Hundley plans are completed for connecting the pond to Nelson Creek; a grant proposal will be written this winter to facilitate the work.
- Will meet tomorrow with David Gerth and Mitch Long (KCT) regarding the Cle Elum River project and Hundley, the 18<sup>th</sup>, to re-write a grant proposal to WASCO for the Cle Elum River Project.
- Discussed plans & costs for Holmes Property house foundation; we can use materials from the Scott Ditch screen to form footers, etc.
- Scheduled work with Tappel to continue collecting survey data at Reecer Creek and Naneum Creek (Poulson) sites.

Also:

- Benton County SMP Advisory Committee meeting 12/13.
  - Monitor development of the SMP inventory and characterization.
  - Co-ordinate with Cultural.
- Coordinate with Tom Zielman on the appeal of Yakima County's CAO.
  - Met with Yakima County 12/11.
  - Develop proposed code revisions to address stream buffers.
- Participate on SEPA rule making advisory committee, meeting 12/20.
- Consult with Granger on adoption of a CAO.
- Monitor the Ahtanum Village acquisition.
- Review and monitor Kittitas County's 2012 Comp Plan update.
- Monitor Kittitas County's Administrative Segregations for the final 90 days based on the negotiated settlement.
  - Explore a LUPA appeal of six segs approved without staff review and comment, coordinate with Pat S.
- Participate in Kittitas County's Technical Advisory Committee for the CAO/SMP update.
  - Review and prepare comments on CMZ mapping, comments due 12/18.
- Review and monitor HPA notices from WDFW within ceded lands
- Review and monitor SEPA notices within ceded lands.
- Active participation in Yakama Nation's Department of Natural Resources Ceded Lands Working Group.
- Various reviews of local government project and non-project notices.

## **Management, Data and Habit - January 2013**

### **Management**

The Yakima/Klickitat Fisheries Project, (YKFP) involves active participation of all aspects for the two sub-basins on a continuance basis. This respectively includes the coordination with the Washington

Department of Fish and Wildlife, (WDFW) as the co-managers established with a Memorandum of Agreement, (MOA). This MOA also establishes the Yakama Nation (YN) as the Lead Agency and formulates the Policy Group which has equal representation from both entities which meets on a monthly basis. The WDFW and the YN both have contractual arrangements with the Bonneville Power Administration (BPA) that supports our Project objectives.

Klickitat Sub-basin: This monthly report will primarily address some of the Project activities for the Klickitat sub-basin. The administrative support is maintained at the central office in Toppenish, WA where appropriate support staff is assigned to the various contracts that are in place for Klickitat. Most of their contracts are similar as those for the Yakima sub-basin, i.e., Management, Data, Habitat and Operation and Maintenance.

We've established satellite offices within its' reach, located at Wahkiacus. Various Project functions operate out of that office, including all the Monitoring and Evaluation functions for those site locations within the basin. The area of coverage and tasks extends north to the origin of the Klickitat River. There has been some extensive work completed at the Castile Falls site with the complete renovation of the Castile tunnel passage that will now allow salmon and steelhead to by-pass the falls that previously restricted their ability. There, also been developed a 'state of the' art monitoring devices installed that will record all fish that will utilize this new passage. They will now have access to 20 miles plus of habitat for spawning. This passage (tunnel) process was attempted back in the 1950's but was never completed.

Lyle Falls Passage: This Project which involved designing and building a passage at Lyle Falls that did not impact the fishery or the ability for the salmon to still utilize the natural falls spillway. This by-pass also includes a trap for capturing brood stock or tagging the species. It also includes a latter specifically designed for Lamprey (eels) to use for their special needs. (No square corners). This passage Project was a massive under taking which did use some of the tested and completed activities at the Roza and Cle Elum sites. We hope it will be just as effective.

Klickitat Hatchery: The YN pursued the transfer of the Klickitat Hatchery for some time, which involved a number factors that ended up with transfer for operation but did not include the physical transfer of the hatchery and land. Through the whole process, which is still being pursued, a number of factors surfaced, including proprietorship of segments of the land and the actual status of the hatchery, which it turns out to be a Mitchell Act Hatchery under the arrangement to be a state facility. We're still involved in the process to have it transferred which also involves participation of the legal world.

Conclusion: We remain very active in all regards to the full compliance with all of our contractual arrangements and continue to fulfill our responsibilities and objectives. Until the next time, we'll have a FISH ON!!

### **Data**

1. Worked with Cle Elum hatchery staff to input and finalize Dec month-end rearing (growth and survival) data for 2011 brood; prepared summary of quality control operations for recently completed marking operations on this brood.
2. Completed 4th quarter 2012 water reports for Cle Elum water usage and submitted to state DOE
3. Continued monitoring of Prosser and Roza counts; backing up databases and posting latest counts to ykfp.org and DART; prepared final Prosser/Roza passage reports for 2012; prepared databases and routines for 2013
4. Processed CWT releases for Klickitat and mid-Columbia programs for submittal to regional RMIS database; conducted quality control and corrected data sets as necessary
5. Continued updates to BPA annual report for YKFP M&E project with 2012 data
6. Finalized work on response to ISRP comments on Klickitat Master Plan submittal
7. Continued work with YN staff to develop options for Klickitat Hatchery upgrades and Wahkiacus construction given present funding status from BPA and COE John Day mitigation negotiations
8. Continued work with YN and CRITFC staffs regarding fall Chinook John Day mitigation and how the U.S. v Oregon negotiations with the U.S. Army Corps of Engineers intersects with the recently prepared Master Plans for Klickitat and Yakima Basin fall Chinook and coho
9. Continued evaluation of data relevant to Yakima steelhead reconditioned kelt in relation to ongoing manuscript development



10. Convened meeting of Yakima spring Chinook technical (MIPT) team to discuss the status of the Roza adult-to-adult DNA pedigree study; distributed meeting notes
11. Coordinated with Status and Trends Reporting project re CRITFC habitat effectiveness workshop; attended workshop at CRITFC in Portland Jan 15-16
12. Continued internal / inter-tribal discussions regarding regional data sharing and tribal data network issues
13. Reviewed materials and attended Yakima Sub-basin Fish and Wildlife Recovery Board meeting to discuss basin-wide steelhead projects and status

## **Habitat**

- Attend meeting with Kittitas County, WDFW, and City of Ellensburg Re new flood mapping.
- Oversaw activities of the Washington Conservation Corps, including placement of woody material in Williams Creek, maintenance at Holmes property. Thus far the labor crew has placed an additional 15 full-length trees at Williams Creek. The snow depth has reduced worker efficiency, but they are still making good progress. Taneum Creek fuels management, has been planned and may be implemented later this month, as well as doing the form and pour work for a precast weir to be placed at the upper end of Wold Ditch to provide barrier to fish entrainment.
- Discussions with landowners, WDFW and Forterra personnel about the Brain Ranch conservation project.
- Repairs request for Holmes buildings – more planning
- Attended two day CRITFC conference on habitat monitoring.
- Met with BPA representatives in Portland about future projects.
- Met with heavy equipment contractor in Portland re Lower Swauk billing, and follow up restoration work to be completed next summer.
- Attended Upper Yakima Watershed Action Group meeting.
- Ate deer meat.

## **Trib passage and screening—Hank**

- Thayer Exc. completed repair work at middle Swauk restoration project.
- Scott Ditch slab has been formed and poured.
- Worked on a grant application to Wasco PUD mitigation lower Cle Elum ELJ phase 2.
- Have a design for Hundley pond connection to Nelson Creek.
- Preliminary concepts are complete for Reecer Creek and Poulsen fish screen and passage.
- Lewis Ditch is approved by OLC, and as soon as engineers' contract is updated construction will begin.

Also:

- Review and comment on the City of Yakima's SMP update.
  - PC meeting 1/23.
- Benton County SMP Advisory Committee meeting 1/17.
  - Monitor development of the SMP inventory and characterization.
  - Co-ordinate with Cultural.
  - Review and comment on draft goals and policies.
- Coordinate with Tom Zielman on the appeal of Yakima County's CAO.
  - Meet with Yakima County 1/14 and 1/16.
  - Develop proposed code revisions to address stream buffers.
- Participate on SEPA rule making advisory committee, meeting 1/10.
  - Review and comment on Phase II rule-making.
- Monitor the Ahtanum Village acquisition.
- Review and monitor Kittitas County's 2012 Comp Plan update.
  - Hearing continuation 1/16.
- Monitor Kittitas County's Administrative Segregations for the final 90 days based on the negotiated settlement.
  - 90 days are expired, YN filed a LUPA appeal of approved segs in violation of negotiated settlement.

- Monitor LUPA appeal of approved segs without staff review and comment, coordinate with Pat S.
- Participate in Kittitas County's Technical Advisory Committee for the CAO/SMP update.
  - Review and prepare comments on CMZ mapping.
- Review and monitor HPA notices from WDFW within ceded lands
- Review and monitor SEPA notices within ceded lands.
- Active participation in Yakama Nation's Department of Natural Resources Ceded Lands Working Group.
- Various reviews of local government project and non-project notices.

## **Management, Data and Habit - February 2013**

### **Management**

The Yakima/Klickitat Fisheries Project (YKFP) remains intact in coordination with the Washington Department of Fish and Wildlife as the Co-manager and the Yakama Nation (YN) serving as the Lead Agency.

Over the course of time, allot has transpired collectively, as we have proceeded under the concept of addressing tasks and research of and for all species, ultimately. In some situations it has caused the utilization of adaptive management. Within both basins, some constructive determinations have contributed to assist one or the other.

All of the various work elements and tasks have contributed in seeking positive responses and answers for the betterment of each species. All of the tasks that are being implemented within each basin and the mainstem are seeking positive answers for the various species. The magnitude of tasks and work elements that are being utilized are extensive and complex in the pursuance of answers for the sake of all salmonid within each basin.

The successful introduction of salmon within each basin is one of the ultimate goals for sake of the resource and man-kind. Although there are other agencies that the Bonneville Power Administration, (BPA) funding various aspects of the overall concept of restoration of all species native to the Columbia River and its' tributaries, it's vital that a level of consistency needs to be maintained in the adequate funding of the various work elements and tasks that are essential for the successful recovery of all species.

The effective administrative support that is essential in all aspects of succeeding in salmon recovery in all regards can be an issue. The YN, with its' Treaty related status, in most regards, if not all regards, has historically perceived that inter government relations, when necessary, be addressed on a government to government basis. This being a given, it's fair to share the concern in the current contracting procedure. The YN also has a governmental procedure that it strives to adhere to. In so doing, it also has contractual requirements and procedures that need to be complied with. In some cases if not all cases, it's for the easements of what is commonly referred to as "red tape". We have previously agreed to utilize two year performance periods for our contracts which was implemented and operationally represented a 'plus' for meeting the administrative requirements.

The two year performance periods was acceptable for the YN and was welcomed. Without any formal consultation, BPA has now indicated that there will no longer be any two year performance periods for contracts. In conclusion, we will proceed accordingly and hope for the best in the future.

This concludes our monthly summary for this month.....until next month, I hear a FISH ON!!!!

### **Data**

1. Worked with Cle Elum hatchery staff to input and finalize January month-end rearing (growth and survival) data for 2011 brood.
2. Prepared 2013 brood take and collection schedule for 2013 Roza/CESRF spring Chinook operations
3. Prepared rearing database for 2012 brood spring Chinook to be ponded in March 2013
4. Quality control of 2012 Cle Elum spring chinook spawning CWT recaptures; submit data to regional RMPC database; link age data from CWT recaptures to Roza 2012 database.
5. Continue compiling, analyzing and summarizing 2012 spring chinook data for BPA annual report appendix
6. Continued work on 2012 BPA annual report including work to begin reformatting the report per BPA's new specifications and guidelines
7. Prepared for and attended meetings on Klickitat Master Plan implementation options with YN and BPA staff
8. Prepared for 2013 kelt reconditioning season including database preparation, installation and testing; updated analyses of 2012 kelt season data; participated in 2013 pre-season planning meeting with Prosser hatchery and CRITFC staff
9. Updated denil/VSP project steelhead tagging data to PTagis

10. Coordinated and worked with YN and CRITFC staff regarding data sharing, Coordinated Assessments implementation, and tribal/regional data management issues
11. Worked with YN data management staff in the Methow to implement Access database and automatic PIT data capture routines
12. Coordinated and worked with YN and CRITFC staff regarding John Day fall Chinook mitigation implementation issues
13. Continued regular updates of Prosser counts (including denil operation integration) to ykfp.org and DART web sites
14. Coordinated and worked with YN, WDFW, and NOAA staff regarding M&E activity descriptions and juvenile and adult steelhead encounter, sampling and tagging information for Yakima Basin activities
15. Coordinated and worked with YN staff and consultants regarding responses to ISRP comments on the fall Chinook and coho Master Plan
16. Participated in production coordination meeting with YN and USFWS staff
17. Worked with YN, NOAA, and RMPC staff regarding entry of CWT recovery data from NOAA spawning ground surveys in the upper Yakima from 2002-2010
18. Coordinated entry of steelhead age data from denil and kelt operations in past years; updated these data in database archives

### **Habitat**

- Attended Lands Committee meeting on Integrated Plan for water in the Yakima Basin.
- Oversaw activities of the Washington Conservation Corps, including placement of woody material in Williams Creek, Taneum thinning, burning slash, maintenance at Holmes property.
- Repairs request for Holmes buildings – more planning
- Many meetings, reports, discussions with landowner re restoration on McNaul property. Met with silviculturist, contractor and sub to mark trees and discuss project approach. Submitted Forest Practices Application. Should have project start by 2/25.
- Provided input to CWU on museum of environment and culture exhibit on the Yakima River. NOTE: this is an excellent exhibit – well worth it to see their display on sockeye recovery
- Conference Calls re Ahtanum Village llc property. Appraisal review by BPA is complete. Looking for funding scenario that will work.
- Attended Tapash meeting on project implementation.
- Attended Manastash Steering Committee Quarterly Meeting.
- Attended Technical Work Group meeting on lower Cle Elum Phase 2 restoration.
- Sent out Request for Proposals for the Boones Pond Mitigation project. Reviewed responses to same.
- Sent out Request for Proposals for the CESRF edge habitat project. Reviewed responses to same.
- Sent out Request for Proposals for the Pott Road Restoration project.
- Attended Technical Advisory Group meeting of the Yakima Basin Fish and Wildlife Recovery Board.
- Attended meeting with Phil Rigdon and WDFW to discuss future management of the Teanaway, assuming the Yakima Basin Integrated Plan purchase goes forward.

### **Report from John Marvin:**

- Review and comment on the City of Yakima's SMP goals and policies.
  - PC/consultant meeting 2/13.
- Benton County SMP Advisory Committee meeting 2/14.
  - Monitor development of the SMP inventory and characterization.
  - Co-ordinate with Cultural.
  - Review and comment on draft Restoration Plan.
- Coordinate with Tom Zielman on the negotiations of Yakima County's CAO appeal.
  - Develop proposed code revisions to address stream buffers.
- Participate on SEPA rule making advisory committee, meeting 2/14.
  - Review and comment on Phase II rule-making.
- Monitor the Ahtanum Village acquisition.
  - Meet with rep on water rights 02/13
- Review and monitor Kittitas County's 2012 Comp Plan update.

- Monitor Kittitas County's Administrative Segregations for the final 90 days based on the negotiated settlement.
  - 90 days are expired, YN filed a LUPA appeal of approved segs in violation of negotiated settlement.
  - Monitor LUPA appeal of approved segs without staff review and comment, coordinate with Pat S. Kitt Co sent an additional 15 applications the were accepted prior to the 90 day expiration. Review and comment and prepare more LUPA appeals.
- Participate in Kittitas County's Technical Advisory Committee for the CAO/SMP update.
  - Review and prepare comments on Draft CMZ.
- Review and monitor HPA notices from WDFW within ceded lands
- Review and monitor SEPA notices within ceded lands.
- Active participation in Yakama Nation's Department of Natural Resources Ceded Lands Working Group.
- Various reviews of local government project and non-project notices.
- First annual all WSDOT area meeting 02/12
- Participate in the Wide Hollow Creek/ Lower Ahtanum Creek Restoration Feasibility Assessment.

## **Management, Data and Habit - March 2013**

### **Management**

The Yakima/Klickitat Fisheries Project, (YKFP) remains in full force exercising the required and necessary administrative activities to remain in compliance with all the stated procedures within the requirements. Primarily, the Bonneville Power Administration (BPA) remains as the prime funding entity via through the U.S. Government procedure consistent with the authorization contained within the Congressional Power Act. Historically, the Yakama Nation provided testimony at the hearings in Washington DC which ultimately passed and became law and currently is the basis of our participation through the contracting procedure.

Basically, the YKFP is involved with operating four production facilities (hatcheries), various acclimation sites for various species, including Upper Bright Chinook, Fall/Summer Chinook, Coho, and steelhead. Production facilities are located at South Cle Elum, (with three acclimation sites), Prosser, Marion Drain and Klickitat River. These facilities handle multi species. The YN is also progressing in various aspects within the tributaries on Lamprey, Sockeye and Sturgeon. The administration support role within this past month did have some challenges, primarily involving some reports and requested monetary transfers within the ACCORD procedures. The Independent Science Review Panel members have scheduled an extensive review process of all funded projects of which will be visited on a schedule basis. Primarily, our presentations are scheduled for May of which we will be prepared. Also, we are waiting for the formal notification that there will no longer be two year contracts. This is unfortunate as the YKFP prefers two year contracts.

Klickitat: Currently, finalization of the punch list for Lyle Passage is in various stages of final review and adjustments. Initially, this involves the Engineer, contractor and YN. A majority of the finalization will be handled by our Lead Scientist for the Klickitat. Depending on the outcome of any aspects of the review process, we'll adjust accordingly.

Conclusion: We continue to maintain the appropriate over sight on all aspects of our compliance requirements, and coordinate with the Lead Biologist or Lead Scientist. Field work is getting done and we are patiently waiting for the Upper River Brights to reach the Yakima River. Hopefully, the actual count will exceed what has been projected. Until next month...it's FISH ON TIME !!!!!!!

### **Data**

1. Worked with Cle Elum hatchery staff to input and finalize February month-end rearing (growth and survival) data for 2011 brood; prepared and initialized brood year 2012 rearing database with ponding information
2. Continued work on fiscal year 2012 BPA M&E project annual report including re-formatting report into new format required by BPA
3. Attended Klickitat Science Conference
4. Assisted YN and CRITFC staff with implementation of software to interface with PIT readers - reviewed and commented on Wy-Kan-Ush-Mi (tribal restoration plan) update
5. Worked with tribal and CRITFC staffs regarding implementation of tribal data network / coordinated assessments / duty descriptions for new tribal data steward positions

6. Coordinated with YN and inter-tribal staffs regarding presentations at national AFS on tribal supplementation/re-introduction programs in the Columbia Basin
7. Coordinated tribal response to WDFW request to use YN-supplied PTagis data for Z6 harvest analysis
8. Coordinated with YN and inter-tribal staffs regarding COE/John Day mitigation and CRITFC accords project
9. Worked with YN / Klickitat staff on EIS and ISRP responses
10. Worked with YN / Yakima staff to develop proposal renewal for YKFP Mgmt/Data BPA contract
11. Began tracking 2013 Roza adult steelhead return updating counts to web sites
12. Updates of 2013 Prosser counts (including denil database integration) to web site
13. Maintenance and troubleshooting of 2013 Prosser kelt tracking database
14. Uploaded latest adult PIT tagging data for Prosser, Roza, and kelt operations to regional PTagis database
15. Updated spreadsheets for tracking 2013 spring chinook migration
16. data entry / QC of WDFW age verification data for 2012 Roza and spawner survey operations
17. Prepared 2013 Yakima harvest monitoring database and binder for monitor data sheets
18. Review of YN CWT data in preparation for annual mark information meeting
19. Monitoring of Yakima Basin juvenile outmigration with updates to web site.
20. Maintenance and improvements to ykfp.org web site.
21. Worked with Klickitat staff to further develop web site, databases and GIS systems.

### **Habitat**

- Attended Integrated Plan for water in the Yakima Basin.
- Oversaw activities of the Washington Conservation Corps, including maintenance at Holmes property. Developed work list for March.
- Repairs request for Holmes buildings – more planning
- Met with Hundley landowners re restoration at their private Parcel.
- Oversaw tour with YN bios of Taneum Creek floodplain restoration.
- Attended Kittitas county Conservation Forum.
- Met with landowner along Wilson Creek to try to discourage him from going ahead with his proposal to dig a 20 acre gravel pit adjacent to the creek.
- Attended three days of GIS training in Olympia.
- Met with MCFEG, KCT and Yakima Basin Fish and Wildlife Recovery Board re helicopter wood placement collaborative project.
- Site visit to Pott Road property with Kittitas County Public Works and NOAA to discuss possibility of county removing artificial fill from a YN-owned habitat parcel.

### **Report from John Marvin:**

1. Participate in the City of Yakima's SMP adoption process.
  - a. PC/consultant meeting 3/13.
2. Benton County SMP Advisory Committee meeting 3/14.
  - a. Monitor development of the SMP inventory and characterization.
  - b. Review and comment on draft Restoration Plan.
  - c. Monitor all of the Benton County Cities SMP updates;
    - i. Benton City, Prosser, West Richland, Richland
3. Coordinate with Tom Zielman on the negotiations of Yakima County's CAO appeal.
  - a. Develop proposed code revisions to address stream buffers.
  - b. Meeting with County 3/28.
4. Participate on SEPA rule making advisory committee, meeting 3/14.
  - a. Review and comment on Phase II rule-making.
5. Monitor the Ahtanum Village acquisition.
  - a. Begin negotiations
6. Monitor Kittitas County's Administrative Segregations for the final 90 days based on the negotiated settlement.
  - a. 90 days are expired, YN filed a LUPA appeal of approved segs in violation of negotiated settlement.

- b. Monitor LUPA appeal of approved segs without staff review and comment, coordinate with Pat S. Kitt Co sent an additional 15 applications the were accepted prior to the 90 day expiration. Review and comment and prepare more LUPA appeals.
- 7. Participate in Kittitas County's Technical Advisory Committee for the CAO/SMP update.
  - a. Review and prepare comments on Draft SMP
  - b. Meeting 3/20.
- 8. Review and monitor HPA notices from WDFW within ceded lands.
- 9. Participate in a review of Yakima County's flood hazard mitigation plan for Ahtanum Creek at 42nd Ave.
  - a. Meeting 3/18, and 3/21.
- 10. Integrated Plan early implementation meeting 3/22.
- 11. Meeting with BOR and gas co at mouth of Wenas Creek 3/12.
- 12. Coordinate and supervise WCC crew.
  - a. Maintenance of Harris, Fortune, Foster and Nelson Springs properties on-going.
- 13. Review and monitor SEPA notices within ceded lands.
- 14. Active participation in Yakama Nation's Department of Natural Resources Ceded Lands Working Group.
- 15. Various reviews of local government project and non-project notices.
- 16. Participate in the Wide Hollow Creek/ Lower Ahtanum Creek Restoration Feasibility Assessment.

### **Hank Fraser:**

- Thayer Exc. completed the Lewis Ditch project on 3-13-13; Jay Kidder, Chinook Engineering provided construction oversight.
- Scott Ditch: Final incidentals are being completed by WDFW, the screen will be tested on March 27<sup>th</sup>
- One Reecer Creek design was completed by Paul Tappel; other alternatives will be developed in coming weeks.
- Wold Ditch : Construction of pre-cast concrete will be done within several weeks
- Hundley plans are completed for connecting the pond to Nelson Creek; a meeting with Rick Hundley will be scheduled soon.
- The WASCO grant proposal for the Cle Elum River Project will be presented in May.
- Waiting to hear about available funding for Holmes Property house foundation before proceeding with drawings and permits.
- Naneum Creek (Poulson) site: survey with engineer is complete.

## **Management, Data and Habit - April 2013**

### **Management**

The Yakima/Klickitat Fisheries Project (YKFP) summary management report for this month will center on the funding procedure which is primarily done through utilization of agreed upon contracts. Over the course of time, contracting with various funding agencies, there have been some changes since the inception of the YKFP. A bulk of the activities is now funded through the Bonneville Power Administration (BPA) which is authorized within the Congressional passage of the Power Act.

The Yakama Nation was involved in the Congressional hearing procedures that took place in Washington DC during the formalization of the Power Act. As one can realize after seeing what has transpired to this date, it is readily apparent that this legislation is now playing a key role in salmon and habitat restoration. This is especially evident since the recognition of the Treaty Tribes as the co-managers of the resource. The YN is extremely active in doing numerous aspects through contracts for the restoration in all aspects of salmon and habitat restoration within both sub-basins, Yakima River and Klickitat River.

The YN is universally involved in both sub-basins with comparable contracts. During the early stages of implementation of the intent of the Power Act, the YN ultimately formalized the following contractual formats. Each basin has the following contractual arrangements: (1) Management, Data, and Habitat; (2) Operation and Maintenance; Monitoring and Evaluation (4) Construction. These four contractual procedures then included a majority of all essential operational factors for the YKFP. Subsequently, there have been, depending on need, additional contracts for these special circumstances.

This summary concludes the overall concept and next month we'll address some additional factors as it

pertains to the formal implementation with reference to the results. The results are contained in reports and logged in the Data pool. This concludes the summary for this month.....FISH ON!!!!

## Data

1. Worked with Cle Elum hatchery staff to input and finalize March month-end rearing (growth and survival) data for 2011 and 2012 broods
2. Completed 1st quarter 2013 water reports for Cle Elum water usage and submitted to state DOE
3. Updated 2013 Prosser and Roza adult steelhead counts
4. Continued work on fiscal year 2012 BPA M&E project annual report
5. Drafted steelhead VSP report in BPA's new format for staff review
6. Began tracking 2013 Bonn. and Prosser Dam spring chinook counts
7. Maintenance and QC of steelhead kelt database; update annual steelhead trend data
8. Worked with Jeff Trammel on development of paper documenting differential return rates for reconditioned, transported, and in-river migrating steelhead kelts in the Yakima River
9. Submitted 2013 kelt release, Prosser denil, and Roza PIT data to date to PTAGIS system
10. Worked with YN and CRITFC staff on updates to Wy-Kan-Ush-Mi Wa-Kish-Wit
11. Worked with YN and CRITFC staff to develop new data steward position statement of work and budget
12. Worked with Klickitat staff to further develop responses and updates regarding Master Plan, HGMPs, and associated EIS documents
13. Prepared and presented talk summarizing Cle Elum spring Chinook program results to date for Western Division AFS meeting in Boise
14. Participated in annual CWT regional mark meeting; discussed issues related to Cle Elum spring Chinook tagging; updated Cle Elum data in regional mark database so that output is consistent with marking strategies (in prior years most Cle Elum spring Chinook were not CWT'd in the snout which is a major assumption in this regional database)
15. Monitoring of Yakima Basin juvenile outmigration with updates to web site
16. Maintenance and improvements to ykfp.org web site including research and repair on site security issues

## Habitat

- \* Scott Ditch Screen: Project complete, including grass and shrub plantings; celebration BBQ on the 16<sup>th</sup> of May for the 1<sup>st</sup> FCA screen in the State of Washington
- \* Lewis Ditch Passage: Complete except for continued plantings by WCC
- \* Wold Ditch: Separation from Cascade Screen Bypass is complete and functioning well; rocks and logs delivered to Pott Road property.
- \* Reecer Creek Screen Design: The first alternative is complete and Fisheries Engineers, Inc. is working on at least two more alternatives.
- \* Travel to Hood River: Met with engineers to conduct field tests at an existing FCA screen site.
- \* Naneum Creek/Poulsen: Site survey complete; however, further work will not occur until the engineer has time in his schedule.
- \* Cle Elum River Phase II: Toured the project area with Mitch Long, KCT, to look at potential for Pacific Lamprey out-planting. Mitch will go to The Dalles to present the project on May 13<sup>th</sup> and I'll attend, schedule permitting.
- \* Geo-Review meeting: Attended this meeting with John to discuss itinerary of tour, etc.
- \* Holmes Property upgrades: There has been no final word on whether funding exists for upgrades to the house – **we need to know so that schedules can be determined/adjusted.**

\* Started ½-time this week.