



**MANAGEMENT and DATA**

**FY 2013 ANNUAL REPORT**

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## **MANAGEMENT FY 2013**

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.

### **October 2012**

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 created 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 the procedures. 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 are to be commended.

### **November 2012**

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 months 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 there 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. Concludes the summary coverage and we continue to maintain and progress within the YKFP for our treasured resource,

### **December 2012**

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 require 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're one entity and would be treated accordingly. The experience that we've 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.

## **January 2013**

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 ladder 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.

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.

## **February 2013**

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 were implemented and operationally represented a 'plus' for meeting the administrative requirements.

The two year performance periods were acceptable for the YN and were 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.

### **March 2013**

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 oversight 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.

### **April 2013**

The Yakima/Klickitat Fisheries Project (YKFP) summary management report for this month will center around 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. The bulk of the activities are 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 has 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.

### **May 2013**

The Yakima Klickitat Fisheries Management, (YKFP), project remains a co-management arrangement with the Washington Department of Fish and Wildlife. This was established through the Yakama Nation's governmental process. Since its' inception, it has been a favorable arrangement for the fisheries resource. It has allowed the two entities to address the

fisheries status and its' negative trend over the course of time. Some favorable achievements have been accomplished and reviewed.

The Yakama Nations YKFP administrative structure has been meeting or exceeding the necessary requirements. In so doing, we have met some adverse situations when it comes to the monetary adjustments. It's been a difficult situation to understand since the ACCORD process is supposed to treat the funding allocations as ONE entity. It's then fair to resume that the shifting of funds should be available to all as the needs change, etc. In the advent of a proposed shortfall, the over-all consideration should be made available, collectively by all concerned. We have not had that availability, thus are experiencing some serious shortfalls, especially as it pertains to year 2014, etc. We will be coming forth requesting for some favorable adjustments.

We have experienced some short falls in our accounts payable division which has led to hiring two immediate temporary positions. This will allow us to advertise and go through the administrative procedure. The current status should be beneficial in assisting to fulfill the two positions. As it pertains to administrative process, everything appears to be in order.

### **June & July 2013**

The Yakima/Klickitat Fisheries Project (YKFP) maintains its' continued involvement in salmon and habitat restoration. We are pursuing this through a co-management arrangement with the Washington Department of Fish and Wildlife, (WDFW). The YN serves as the Lead Agency. We are collectively involved with contractual arrangements with the Bonneville Power Administration who are meeting their responsibilities as spelled out I in the Congressional Power Act.

Habitat: The Project is actively involved in doing habit restoration projects in the Yakima River Basin. In some areas, this also includes doing fish passage barriers. This has vastly improved fish access to pristine spawning areas. Salmon are reaching into areas that were unforeseen up until recently. This includes steelhead, coho, spring Chinook, sock eye and summer Chinook This represents some very pleasing accomplishments for the sake off all resources.

Production: All the production facilities are operating in full force with the exception of Klickitat where we're experiencing some financial short falls which is also impacting the personnel. Some alternative budget plans are being considered. The Prosser and Cle Elum facilities are going full force. Cle Elum should have no problem getting their full brood stock requirements. These are pleasing circumstances.

Administrative Support: All contracts have been recently adjusted with the ACCORD meeting we had with BPA this past week. We maintain concern for the budget for the out years starting with 2014. We'll continue to monitor.

### **August 2013**

The YKFP, (Yakima Klickitat Fisheries Project) is a co-management arrangement between the Yakama Nation and Washington Department of Fish and Wildlife. The arrangement is engrained in a MOU that lays out the procedure of involvement of both entities. It also spells

out that the YN is the Lead Agency. The MOU also addresses the formalization of the Policy Group which has equal representation from each entity. The Policy Group meets on a monthly basis unless otherwise arranged. The Policy Group's Technical advisory is the Science Technical Advisory Committee, (STAC). There's equal representation from each entity, with the YN serving as the Lead. Over the course of time since the formulation of the YKFP, it has been measurably effective despite a number of FIRSTS being achieved.

The restoration of various habitat projects including a multitude of passage achievements has created very exciting and achieving times. Also, the advent of reintroduction of various species into historic tributaries has generated some very exciting and joyful times. The Bonneville Power Administration remains the prime funding entity for all the YKFP work and research. There are some other contributing entities also participating which is a welcome site. The YN is an ACCORD participant which is currently preparing for the establishment of the next ACCORD funding cycle. Based on the experiences so far with this ACCORD, I personally believe that the jury is still out on it. Needless to say, it's a vast undertaking. We anticipate being more involved at the next under taking

Given all of this information, the Management segment of the YKFP has been very actively involved with maintaining and assuring the compliance of the contracts is maintained and current. We continue to be effective in all regards and continue to be ready for all the upcoming challenges. We have a very responsive cadre of personnel that enjoys their work and challenges. Given this, this concludes our summary for this month.

### **September 2013**

The Yakima/Klickitat Fisheries Project (YKFP) remains a co-management arrangement with the Washington Department of Fish and Wildlife (WDFW). Since the inception of the MOU, we've developed an operational format that has been received with some meaningful operational results. Collectively, we've done some positive things for the restoration of salmon and the habitat, including passage. The operation and coordination is established through the Policy Group which has equal representation from the State and YN.

The funding procedure through the ACCORD process has had some mixed matters over the procedure that has and is being utilized, which as some factors cleared up. We remain in hopes this is the beginning of a more compatible working procedure. The proposed transpiration for the upcoming FY14 is primarily up to date and ready for implementation. Our Lead person on this is Shirley Alvarado who is doing an excellent job and has a thorough understanding of the in-place procedure. She is to be commended. We are still in the transition process for establishing a separate contract for Habitat. We anticipate that this will be more positive over all for the Habitat activities. The Habitat and site purchases have been very effective for current and future related activities. This has primarily been discussed for some time and is finally approved to be implemented.

We've been experiencing some difficulty within our Accounts Payable department which has been addressed with the temporary employment of two positions leading up to hiring two new



persons. Everything is working out fine. All other administrative support personnel are doing fine with their work load. Communication appears to be adequate. This is commendable given the size and magnitude of all our contracts. It appears that BPA's assigned COTRs are maintaining full cooperation with our assigned personnel.

In conclusion, everything appears to be in order during this busy, busy time of the year. What a great scene...the record amount of Falls coming over Bonneville.....something must be doing things right..Good fishing until next month.....

## **DATA FY 2013**

### **What tools (e.g., guidance material, technologies, decision support models) are you creating and using that support data management and sharing?**

Major data management accomplishments to date include:

- Development and maintenance of ykfp.org web site to host information relating to Yakima and Klickitat Basin project activities including: redd counts, juvenile and adult migration counts, technical reports and publications, project review/conference information, etc.
- Comprehensive VSP accounting and reporting for Yakima Basin spring Chinook (see Appendix B in [YKFP M&E 199506325 Annual Report](#) available through the ykfp.org or cbfish.org)
- Automated integration of Prosser and Roza dam daily count data with DART • Integration of PIT and CWT release and recovery data with PTAGIS, RMPC, and Fish Passage Center databases
- Production and support of data bases necessary to support BPA quarterly and annual reports (available via PISCES and BPA reports web site)
- Production and support of data bases necessary to support NPCC project proposals (available via CBfish.org)
- Development and maintenance of databases to support the following M&E data collection activities: Prosser and Roza video counts; Prosser denil and Roza adult trap sampling; Yakima Basin juvenile migration timing and biological data sampling; juvenile PIT tagging operations at all subbasin locations; Cle Elum spring Chinook spawning and rearing; Cle Elum facility water usage, temperature, and flow monitoring; Prosser steelhead kelt reconditioning; spawner surveys at all subbasin locations; scale sampling; age and sex composition; radio telemetry and tracking; Klickitat habitat surveys; Lyle Falls adult trap counts; Klickitat smolt trap counts; Klickitat stream temperature and sediment data; Zone 6 and tributary harvest accounting; and Zone 6 Treaty commercial fish ticket accounting
- Development of GIS maps as needed to support YNFP activities
- Development and maintenance of spreadsheets to summarize and track annual trends in above data
- Maintenance of hardware and software necessary to support the above

**Describe the process used to facilitate receiving and sharing of data, such as standardizing data entry format through a template or data steward, including data exchange templates that describe the data collection methods, and the provision of an interface that makes data electronically accessible.**

Project data are generally entered into data collection forms using Microsoft Access and Visual Basic software. In most instances software procedures are in place to automatically capture detected PIT tag data and incorporate it into the Access form/table. This prevents data entry error. Two separate data managers are employed, one each for the Yakima and Klickitat Subbasins. These data managers oversee the maintenance, development, quality control, and backup of these databases. To the maximum extent possible, data are integrated with regional databases (e.g., DART, PTAGIS, RMIS, etc.) as noted above. The YN is working with CRITFC and the Tribal Data Network project to employ data stewards who will assist us with continued development and improvement of data collection, exchange, and sharing strategies and tools.

**Please describe the sources from which you are compiling data, as well as what proportion of data is from the primary source versus secondary or other sources?**

The primary source of data is the YKFP M&E project 199506325. Virtually 100% of the data managed pursuant to this proposal results from that project.

**What type of data are you collecting and how are you documenting supporting metadata?**

- Development and maintenance of databases to support the following M&E data collection activities: Prosser and Roza video counts; Prosser denil and Roza adult trap sampling; Yakima Basin juvenile migration timing and biological data sampling; juvenile PIT tagging operations at all subbasin locations; Cle Elum spring Chinook spawning and rearing; Cle Elum facility water usage, temperature, and flow monitoring; Prosser steelhead kelt reconditioning; spawner surveys at all subbasin locations; scale sampling; age and sex composition; radio telemetry and tracking; Klickitat habitat surveys; Lyle Falls adult trap counts; Klickitat smolt trap counts; Klickitat stream temperature and sediment data; Zone 6 and tributary harvest accounting; and Zone 6 Treaty commercial fish ticket accounting

Metadata are contained in information system management plans developed and maintained for each subbasin (Yakima and Klickitat) as well as in accompanying Microsoft Word documentation files for each database. Data sources for all tables and figures included in project annual reports are also well documented in accompanying Microsoft Word documentation files. We are also working with CRITFC via the data steward project to develop and document a more complete, YN Fisheries program-wide data inventory. To the maximum extent practical data managers are attempting to remain current and comply with available regional standards.

**Describe the accessibility of the data and what the requirements are to access them?**

- Automated integration of Prosser and Roza dam daily count data with DART
- Integration of PIT and CWT release and recovery data with PTAGIS, RMPC, and Fish Passage Center databases
- Production and support of data bases necessary to support BPA quarterly and annual reports (available via PISCES and BPA reports web site)
- Production and support of data bases necessary to support NPCC project proposals (available via CBfish.org) Additional data is available on the ykfp.org web site and by email contact through the data managers.

Project data managers participated in the Coordinated Assessments process to develop pilot exchange templates for adult and juvenile abundance and productivity parameters. We are

working with CRITFC to first develop the necessary tools to standardize and archive historical data from annual data capture databases and provide web-query access to these data. As we develop these systems and tools, we will do so with the intent to make them “plug compatible” with exchanges such as that envisioned by the Coordinated Assessments. Once this system is up and serving tribal and inter-tribal needs, we will seek permission from tribal policy makers to more broadly share these data sets via regional networks and systems.

**Where will you post or publish the data your project generates?**

[Yakama Nation Fisheries website](#)

[BPA Fish and Wildlife publication page](#)

[DART - Data Access in Real Time](#)

[Fish Passage Center](#)

[PTAGIS Website](#)

[RMIS - Regional Mark Information System](#)

[Yakima-Klickitat Fisheries Project website](#)

[StreamNet Database](#)

[BPA Pisces](#)