



Yakima River Management and Data (YKFP) Annual Report

for Project Activities from 10/1/2014 to 9/30/2015



BPA Project # 1988-120-25

Report covers work performed under BPA contract #(s) 56662 REL 66

Report was completed under BPA contract #(s) 56662 REL 96

Melvin R. Sampson, Policy Advisor/Project Coordinator
David E. Fast, Research Manager
William J. Bosch, Editor
Yakima/Klickitat Fisheries Project

THE CONFEDERATED TRIBES AND BANDS OF
THE YAKAMA NATION
Toppenish, WA 98948

February 10, 2016

This report was funded by the Bonneville Power Administration (BPA), U.S. Department of Energy, as part of BPA's program to protect, mitigate, and enhance fish and wildlife affected by the development and operation of hydroelectric facilities on the Columbia River and its tributaries. The views in this report are the author's and do not necessarily represent the views of BPA.

This report should be cited as follows: Mel Sampson, Dave Fast, Bill Bosch, Yakima River Management and Data (YKFP) Annual Report, 10/1/2014 – 9/30/2015, 1988-120-25

Table of Contents

Table of Contents	2
1. Executive Summary	3
2. Introduction	4
3. Provide comprehensive management oversight of the implementation of YKFP activities.	10
4. Support YN policy development related to YKFP activities in the Yakima and Klickitat Subbasins.	10
5. Coordinate and/or perform all tasks necessary to the development of project planning documents.....	11
6. Provide required administrative support for Project operations, including financial management and accountability and realty services coordination and technical review.....	11
7. Design, develop and manage YKFP's Data and Information System.	12
8. Schedule and conduct the YKFP's Science & Management Conference (incorporates Project Annual Review), which includes presentations by project scientists and provides for peer review of research activities.....	14
9. Participate in watershed planning, protection and restoration initiatives by various agencies, groups and committees.....	15
10. References.....	16
Appendix A: Use of Data & Products	18
Appendix B: YKFP Policy Group Minutes	19
Appendix C: YKFP Policy Group Decision Documents.....	42

1. Executive Summary

This Management and Data project (1988-120-25) is the overall umbrella organization for the Yakima River Portion of the Yakima/Klickitat Fisheries Project (YKFP), which includes a number of sub-projects that address facilities operations and maintenance (O&M) and research, monitoring and evaluation (RME). This project includes the overall management and administration, as well as the data management, for the entire Yakima Subbasin YKFP program. This report summarizes project achievements relative to management oversight, policy development, project planning, administrative support, data management, communication of science results (project annual review), and watershed planning.

YKFP-related habitat activities for the Yakima Subbasin are addressed under project 1997-051-00. Hatchery Production Implementation (O&M) is reported under project 1997-013-25. Yakima Basin research, monitoring, and evaluation (RME) is reported under project 1995-063-25. Klickitat Basin RME, Watershed Enhancement, Management/Data, and O&M are reported under projects 1995-063-35, 1997-056-00, 1988-120-35 and 1997-013-35 respectively. Well field data for the Cle Elum Supplementation and Research Facility (CESRF) are reported quarterly to the Washington State Department of Ecology with copies to personnel at BPA. Yakima Basin Steelhead (*O. mykiss*) RME work is reported in related viable salmon population (VSP; 2010-030-00) and Kelt Reconditioning (Columbia River Inter-Tribal Fish Commission-CRITFC 2008-458-00 and 2007-401-00) projects. The Washington Department of Fish and Wildlife (WDFW) is reporting hatchery uncertainties related to genetic and ecological interactions under project 1995-064-25.

2. Introduction

The Yakima/Klickitat Fisheries Project (YKFP or Project) is split into several sub-projects (Monitoring and Evaluation, Operations and Maintenance, and Construction) under the overall umbrella for the program. The Management and Data project includes the overall management and administration, as well as the data management, of the YKFP program. Habitat protection and restoration components have been combined with the Side Channels (1997-051-00) to form a fish habitat and land acquisition project.

This project provides for all Yakama Nation (YN) management and coordination functions associated with the YKFP in the Yakima Subbasin. The YKFP was established in a 1994 Memorandum of Agreement with the Washington Department of Fish and Wildlife (WDFW; project co-manager) to implement and evaluate artificial propagation methods used to restore and rebuild anadromous fish populations in the subbasin. The YKFP was subsequently expanded to include the Klickitat Subbasin. However, Klickitat Subbasin management and coordination activities are covered under a separate Bonneville Power Administration (BPA) project, 1988-120-35. This umbrella management approach was developed through discussions with the Bonneville Power Administration (BPA) and the Northwest Power and Conservation Council (NPCC), WDFW participates in YKFP management through BPA Project 1955-064-25, YKFP Policy/Technical Involvement/Planning.

Principal YKFP activities include the use of artificial propagation of juvenile fish derived from natural origin broodstock to supplement the natural populations of spring Chinook, fall Chinook and coho. Research, monitoring and evaluation (Project 1995-063-25) is performed to address, among other issues, (1) the effects of supplementation on the natural populations, (2) the effectiveness of juvenile rearing methods and acclimation in achieving juvenile survival and supplementation objectives, (3) ecological impacts from supplementation, and (4) the development of data to allow adjustments to hatchery and acclimation operations to meet project objectives according to adaptive management principles. Supplementation activities must be coordinated with habitat availability to manage ecological risks and optimize natural production and adult recruitment.

The YKFP is a complex and comprehensive project that requires significant management and administrative resources. It includes fish production and research facilities, numerous research programs and habitat protection and maintenance activities. The Yakama Nation serves as the YKFP “Lead Agency” and is responsible for implementation of all YKFP programs; including managing and directing YKFP project employees, developing and administering associated project budgets, and ensuring the quality and efficiency of project activities.

Implementation is coordinated with WDFW, which participates in project planning and performs certain research activities related to ecological interactions, genetics research and analysis, and reproductive success of supplementation fish. In broad categories, the Yakama Nation, as Lead Agency implements and coordinates:

1. Project planning activities, including those pertaining to facility construction and modifications;
2. Operation and maintenance activities at all YKFP facilities;
3. Project research activities including production of scientific reports and publications;
4. Design, development and administration of a centralized database for Project use and dissemination to others;
5. Habitat restoration and protection projects within the target ecosystem;
6. Development and submittal of funding proposals that ensure consistency with the 2008 MOA between the Three Treaty Tribes and the FCRPS Action Agencies, and sufficient funding for YKFP operations.

7. Integration of Klickitat and Yakima Basin research and data management activities.

To meet its lead agency responsibilities, the Yakama Nation employs approximately 100 people, including managers, scientists, technicians, fish culturists, laborers and office support personnel. Project management personnel work out of the YKFP's Central Office in Toppenish, Washington, the Nelson Springs Office and Research Facility northeast of Yakima, Washington and a satellite office in Ellensburg, Washington (Figure 1).

The contract (#56662 REL 66) addressed in this report implements the Management and Data project and funds the activities of YKFP executive management, project coordination and administrative staff necessary for discharging these responsibilities, including administrative support for day to day YKFP operations in the Yakima Subbasin. Management services funded by this contract include oversight and support of the following YKFP programs:

1. O&M Lower Yakima River Supplementation and Research Complex,
2. O&M Upper Yakima River Supplementation and Research Complex
3. Yakima Basin Monitoring and Evaluation
4. Klickitat Basin Monitoring and Evaluation,
5. Klickitat Watershed Enhancement Project
6. Klickitat Management, Data and Habitat project.
7. Klickitat River O&M
8. Capital Klickitat Design & Construction
9. Yakima Basin Side Channels Land Acquisition
10. YN Coho Hatchery Program Holmes Step 2/3
11. Coho Production Facility & Marking
12. YN Project to provide VSP Estimates

The success of all YKFP projects depends on the administrative structure funding provided by this contract. The Yakama Nation's management and coordination responsibilities are expected to continue through and beyond the contract performance period.

This contract has seven primary objectives:

1. Provide comprehensive management oversight of the implementation of YKFP activities.
2. Support YN policy development related to YKFP activities in the Yakima and Klickitat Subbasins.
3. Coordinate and/or perform all tasks necessary to the development of project planning documents.
4. Provide required administrative support for Project operations, including financial management and accountability and realty services coordination and technical review.
5. Design, develop and manage YKFP's Data and Information System.
6. Schedule and conduct the YKFP's Science and Management Conference (incorporates Project Annual Review), which includes presentations by project scientists and provides for peer review of research activities.
7. Participate in watershed planning, protection and restoration initiatives by various agencies, groups and committees.

This report documents activities and results related to the primary contract objectives listed above.

Other YKFP Project Reporting

Activities and results for other YKFP projects are reported elsewhere as noted in the following:

YKFP-related habitat activities for the Yakima Subbasin are addressed under project [1997-051-00](#). Hatchery Production Implementation (O&M) is reported under project [1997-013-25](#). Yakima Basin research, monitoring, and evaluation and 2008-465-00 MRSCF initial draw, procurement and build phase (RME) is reported under project [1995-063-25](#). Klickitat Basin RME, Watershed Enhancement, Management/Data, and O&M are reported under projects [1995-063-35](#), [1997-056-00](#), [1988-120-35](#) and [1997-013-35](#) respectively. Well field data for the Cle Elum Supplementation and Research Facility (CESRF) are reported quarterly to the Washington State Department of Ecology with copies to personnel at BPA. Yakima Basin

Steelhead (*O. mykiss*) RME work is reported in related VSP ([2010-030-00](#)) and Kelt Reconditioning (CRITFC [2008-458-00](#) and [2007-401-00](#)) projects. WDFW is reporting hatchery uncertainties related to genetic and ecological interactions under project [1995-064-25](#).



Yakama Nation Fisheries Offices & Facilities

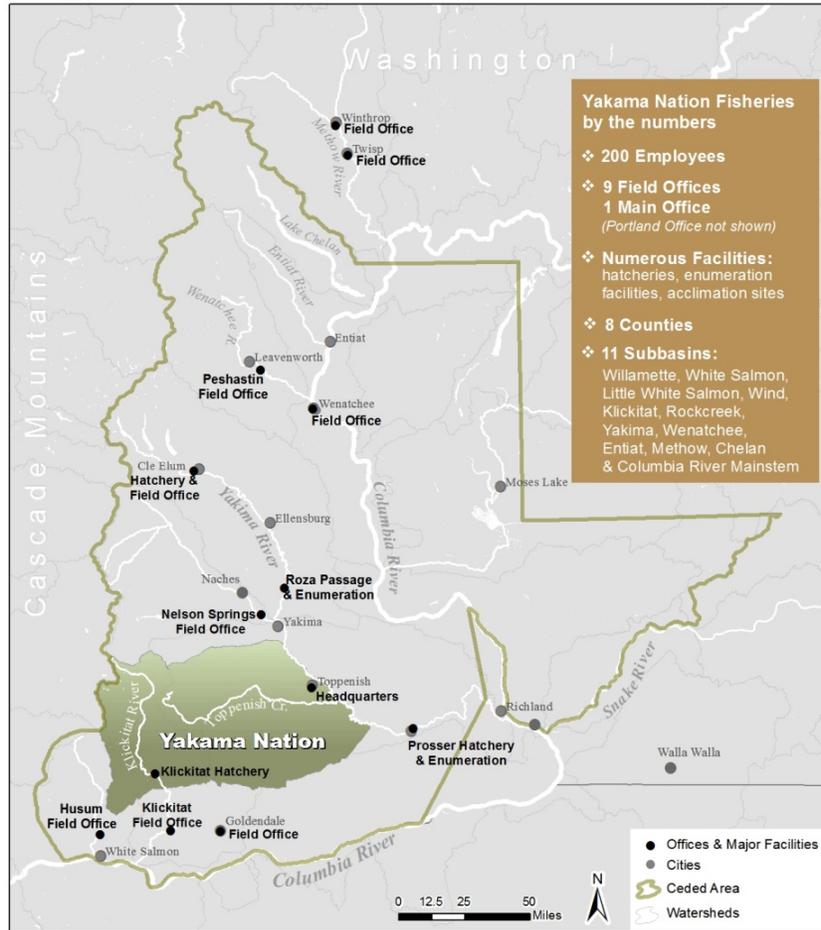


Figure 1. Yakama Nation Fisheries Offices and Facilities.

3. **Provide comprehensive management oversight of the implementation of YKFP activities.**

Methods: The YKFP is co-managed by the Yakama Nation (YN) and the Washington State Department of Fish and Wildlife (WDFW). The Project is controlled by the Policy Group, which is made up of one representative appointed by YN and one representative appointed by WDFW. The Policy Group is responsible for policy development and planning. The YKFP MOA provides for review and approval of annual planning documents by the YKFP's Policy Group. The Project's Science Technical Advisory Committee (STAC), consists of senior biologists from the Yakama Nation and WDFW, and advises the Policy Group. The Policy Group works closely with Bonneville Power Administration (BPA) on funding and NEPA issues.

Results and Discussion: The YKFP Policy Group generally meets monthly to review project related activities and to discuss and address issues as they arise. Minutes of meetings conducted during this project period (Oct. 1, 2014-Sep. 30, 2015) are provided in Appendix B. Management and Data personnel also provided policy support for development and implementation of procurement procedures for the Melvin R. Sampson Coho Facility EPC contracting process together with BPA.

4. **Support YN policy development related to YKFP activities in the Yakima and Klickitat Subbasins.**

Methods: Maintain Project policy development activities at a level that enables effective management of the YKFP. Coordinate the development of policies pertaining to Project activities, and ensure adequate oversight of said policies by Yakama Nation elected officials and administration. Represent the YKFP in relations with other governments, organizations or entities affecting Project performance. As a co-managed project, it is essential that the Yakama Nation and WDFW maintain adequate participation in NPCC processes and other activities that affect the Project.

Results and Discussion: Key activities in the region that necessitated active YKFP involvement included an Independent Scientific Advisory Board report on density dependence issues throughout the Columbia Basin, ongoing negotiations with the U.S. Army Corps of Engineers regarding expansion of John Day Mitigation fall Chinook production, and NOAA's continued development of the "Final Environmental Impact Statement to Inform Columbia River Basin Hatchery Operations and the Funding of

Mitchell Act Hatchery Programs.” These activities addressed matters that concerned the role of existing and future hatcheries in addressing fisheries mitigation requirements, and could potentially affect the scientific and regulatory framework and funding requirements for effective and adequate production. On the subbasin level, YKFP staff coordinated with the Bureau of Reclamation, the Washington Department of Ecology, and other subbasin interests as part of the Yakima Basin Integrated Water Resource Management Plan, which concerns water resources development projects that promote fish habitat and passage in the Subbasin, and thereby further YKFP stock restoration and reintroduction efforts. On a local level, the YKFP coordinated with local governments on land use matters (e.g. Kittitas County land use ordinance updates) that affect aquatic health and carrying capacity of streams that are also crucial to the success of YKFP fish stock restoration and reintroduction.

5. Coordinate and/or perform all tasks necessary to the development of project planning documents.

Methods: Maintain Project planning activities at a level that enables effective management of the YKFP. This proposal supports all YKFP planning functions for the Yakima Subbasins. Coordinate necessary planning activities conducted by the YKFP, and represent the YN in all matters pertaining to these activities. Implement the YKFP’s adaptive management policy by maintaining and keeping current all Project planning and operations documents. Coordinate these functions with the co-manager, science and technical advisory committee (STAC), and other agencies, as necessary.

Results and Discussion: Project personnel participated in the development of documents relating to implementation of the Melvin R. Sampson Coho Facility on the Holmes property as well as continued updates to the “Klickitat River Anadromous Fisheries Master Plan”. A comprehensive list of YKFP Policy Group decision documents, used to adaptively manage the project, is provided in Appendix C.

6. Provide required administrative support for Project operations, including financial management and accountability and realty services coordination and technical review.

Methods: The financial management and compliance monitoring of YKFP and BPA contracts requires extensive attention and effort. The compliance, accountability and

contracting requirements are internal for both the Yakama Nation and BPA. The administrative support component of the contract provides necessary personnel to perform secretarial, bookkeeping, accounting, and reporting tasks on a timely basis.

Results and Discussion: Quarterly reports, operational modifications, and year-end closeouts were completed as necessary. Also assisted habitat project staff in development of realty acquisition documents, including purchase and sales agreements and conservation easements requirement for BPA funding on habitat property purchases.

7. **Design, develop and manage YKFP's Data and Information System.**

Methods: One of the YKFP's primary objectives is to provide knowledge about supplementation to resource managers and scientists throughout the Columbia River basin, so that it may be used to mitigate effects of hydroelectric operations on anadromous fisheries. The goal of this objective is to standardize, consolidate, centralize, and make accessible all data and information that is generated by the YKFP. The data and information management systems produced by this effort will be designed to ensure compatibility with BPA and NPCC electronic data and reporting requirements. Also, an efficient, affordable data transmission system will be designed that will allow appropriate personnel and scientists access to the data.

To ensure quality control, standardization, and proper storage procedures for all data and information collected, the YKFP:

- Develops a standardized data management and quality control system consistent with the volume and diversity of the data collected;
- Supervises the reformatting and inputting of all data into a standardized system; and,
- Meets and coordinates with BPA representatives to review the database system's compatibility with existing BPA and NPCC data management systems.

The YKFP maintains and updates a data and information management and transmission system capable of handling the YKFP's existing and future generated data and information. The YKFP also maintains and upgrades a web site (ykfp.org) consistent with regional standards. This system is accessible to appropriate researchers. YKFP data banks may be accessed by contacting project personnel, or electronically at ykfp.org.

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.

Results and Discussion:

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](#))
- 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 [cbfish.org](#))
- 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 a server with “legacy” (historical archive) databases pursuant to the Tribal Data Network project to facilitate off-site backups as well as internal project and regional sharing of data

- Development of queries and data tables to support statistical analyses for manuscripts and annual reports
- 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
- Continued participation in regional processes and workshops (e.g., Coordinated Assessments) to prioritize regional data management needs and develop a pilot regional VSP database

Project metadata are contained in information system management plans developed 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. To the maximum extent practical data managers are attempting to remain current and comply with available regional standards.

In addition to the above, the YKFP has and continues to share data in the following ways:

- Annual Yakima Basin and Klickitat Basin Science and Management Conferences
- Direct e-mails with those requesting project data. Entities with whom we have directly shared YKFP project information include: the Washington Department of Fish and Wildlife, the United States Fish and Wildlife Service, the National Oceanic and Atmospheric Administration – National Marine Fisheries Service, U.S. Bureau of Reclamation, U.S. Forest Service Naches Ranger District, U.S. Geological Survey, Yakima Subbasin Fish and Wildlife Recovery Board, Pacific States Marine Fisheries Commission, Columbia River Inter-Tribal Fish Commission, University of Idaho, University of Washington, Central Washington University, Eastern Washington University, Mobrand, Jones, and Stokes, and several other consultants and contractors.

8. Schedule and conduct the YKFP's Science & Management Conference (incorporates Project Annual Review), which includes presentations by project scientists and provides for peer review of research activities.

Methods: An explicit goal of the YKFP is to provide knowledge about the use of supplementation so that it may be used to mitigate effects on anadromous fisheries throughout the Columbia River Basin. The Project will schedule and conduct an annual

project review, which will include presentations of all the task specific participants with invitations to others interested in the YKFP. The agenda, abstracts, and presentations from the review are posted to the project web site and provide an accurate and complete record of the proceedings. Conference records afford the opportunity to employ adaptive management and assist the Policy Group in Project planning and management activities.

Results and Discussion: The 2015 Klickitat Science Conference was held on April 14, 2015 and the results are available [here](#). The 2015 Yakima Science Conference was held on June 17-18, 2015 and the results are available [here](#). For a complete list of reports and publications related to YKFP work in the Yakima Basin, see references in the 2015 [YKFP M&E 199506325 Annual Report](#). A synthesis of findings from the Cle Elum Spring Chinook Supplementation and Research project was published in the AFS North American Journal of Aquaculture in the summer of 2015.

9. **Participate in watershed planning, protection and restoration initiatives by various agencies, groups and committees.**

Methods: Ensure that environmental compliance procedures and documentation are managed consistent with subbasin and watershed planning and recovery documents. Promote and implement restoration, passage, screening and protection projects. Participate in watershed management forums. Provide comments on land use projects as applicable to watershed stewardship.

Results and Discussion

Land use coordination occurred on many land use proposals and comprehensive plan amendments, involving rural and mineral lands designations, flood and shoreline planning and critical areas protection standards.

10. References

- ISRP. 2012a. ISRP Step 2 Review of the Klickitat River Anadromous Fisheries Master Plan. Northwest Power and Conservation Council, Portland, OR. [ISRP 2012-12](#).
- ISRP. 2012b. ISRP Review of the Yakima Subbasin Summer and Fall Run Chinook and Coho Salmon Hatchery Master Plan. Northwest Power and Conservation Council, Portland, OR. [ISRP 2012-13](#).
- ISRP. 2013a. Response Review of the Klickitat Master Plan. Northwest Power and Conservation Council, Portland, OR. [ISRP 2013-1](#).
- ISRP. 2013b. Response Review of the Yakima Subbasin Summer and Fall Run Chinook and Coho Salmon Hatchery Master Plan. Northwest Power and Conservation Council, Portland, OR. [ISRP 2013-8](#).
- ISRP. 2013c. Geographic Review Final Report, Evaluation of Anadromous Fish Habitat Restoration Projects. Northwest Power and Conservation Council, Portland, OR. [ISRP 2013-11](#).
- Yakama Nation. 2012a. Yakima Subbasin Summer-and Fall-Run Chinook and Coho Salmon Hatchery Master Plan. Prepared by the Confederated Tribes and Bands of the Yakama Nation for the Bonneville Power Administration and Northwest Power and Conservation Council. Yakama Nation Fisheries, Toppenish, WA. May 2012.
- Yakama Nation. 2012b. Klickitat River Anadromous Fisheries Master Plan. Prepared by the Confederated Tribes and Bands of the Yakama Nation in cooperation with Washington Department of Fish and Wildlife for the Bonneville Power Administration and Northwest Power and Conservation Council. Yakama Nation Fisheries, Toppenish, WA. July 2012 as amended August 3, 2012.
- Yakama Nation. 2013a. Yakama Nation Response to the Independent Scientific Review Panel's Step Two Review of the Yakama Nation's July 2012 Klickitat Anadromous Fisheries Master Plan (ISRP 2012-12). Yakama Nation Fisheries, Toppenish, WA. January, 2013.

Yakama Nation. 2013b. Response of the Yakama Nation to the comments offered by the Independent Scientific Review Panel following their review of the Yakima Subbasin Summer and Fall Run Chinook and Coho Salmon Hatchery Master Plan (Project No. 1988-115-25; ISRP 2012-13). Yakama Nation Fisheries, Toppenish, WA. February 21, 2013.

Yakama Nation. 2013c. Yakama Nation Response to the Independent Scientific Review Panel's Step Two Response Review of the Yakama Nation's Klickitat River Anadromous Fisheries Master Plan (ISRP 2013-1). Yakama Nation Fisheries, Toppenish, WA. April, 2013.

Yakama Nation. 2013d. [Sponsor Response to Independent Scientific Review Panel Assessment: Project Number: 1988-120-25 Review: 2013 Geographic Review.](#) Yakama Nation Fisheries, Toppenish, WA. July 2, 2013.

Appendix A: Use of Data & Products

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

[Fish Passage Center](#)

[Yakama Nation Fisheries website](#)

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

[RMIS - Regional Mark Information System](#)

[Yakima-Klickitat Fisheries Project website](#)

[BPA Pisces](#)

[StreamNet Database](#)

[BPA Fish and Wildlife publication page](#)

[PTAGIS Website](#)

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 Data Access in Real-Time ([DART](#))
- Integration of PIT and CWT release and recovery data with [PTAGIS](#), [RMIS](#), 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](#))
- Science and Management Conferences (e.g., [Yakima](#) and [Klickitat](#))

Additional data is available on the [ykfp.org](#) web site and by email contact through the data managers (Yakima Basin, contact Bill Bosch, bbosch@yakama.com; Klickitat Basin, contact Michael Babcock, mbabcock@ykfp.org). Project data managers participated in the Coordinated Assessments process to develop pilot exchange templates for adult and juvenile abundance and productivity parameters. However, as documented in a letter from Phil Rigdon, Director of Natural Resources for the Yakama Nation to Phil Anderson Director of the Washington Department of Fish and Wildlife, dated 7Nov2012, the Yakama Nation would like to see the region develop strong, enforceable data sharing agreements before we can support broad population and unlimited use of and access to these regional databases with data from YN/YKFP projects. We can document several recent examples of misuse of project data obtained from existing regional databases.

Appendix B: YKFP Policy Group Minutes



MEMORANDUM

DATE: October 23, 2014
TO: Melvin R. Sampson
FROM: Carol Sue Martin
SUBJECT: **YKFP Policy Group Minutes for October 23, 2014 meeting**

Meeting called to order @ 9:15

Agenda Review: Spring Chinook update under STAC (Dave Fast), Bill Sharp, Bill Fiander re: Summer Chinook and Scott Nicolai, Habitat update.

NEPA:

- No BPA representatives in attendance to give meeting. Bill Sharp added that there will be a meeting with Jenny Lord, Mary Todd on 10/24/14 for last final walk through at Lyle Falls and Castile Falls

BUDGET:

- No BPA staff on hand, no discussion on subject.

CONSTRUCTION, MITIGATION & MAINTENANCE

- Holmes Coho Hatchery: Mark Johnston, Dave Fast and Patrick Spurgin, will continue to meet and work with BPA due to concerns that they and Power Council have.
- Accords project – BPA took lead in Walla Walla, could be stuck in Limbo?

Added Agenda Item:

- Bill Sharp re: Wonder Springs break in May 2014
- Apollo did the work, next step 6-power poles and low flow monitor.
- Tuesday meeting with NMFS National office. Dale Bambrick, Joe Zendt and Jason Rau, Rod Jones and Bob Turner will be in attendance re: Mitchell Act funds.
- Habitat Project – Haul Road
- Construction/Wahkiakus: define what we signed up for in the Accords. Different from what BPA wants done.
- Mitigation: Scott Nicolai
- Boones Pond: 10-year BPA regulatory agency re: wells operation
- Mitigate wetlands and help with fish as well.
- New BPA person at BPA – is asking “do we really need more mitigation?”
- Ecology/Corp of Engineers asked for mitigation
- Billy Fiander: Summer Chinook
- Eggs from Wells Dam
- 132 females – left over for YN

- Crew last week, take up to 74.
- 15 females/green eggs
- 60 more females 10/23/14, egg isolation unit before.
- Good on Summer Chinook
- Surveys – Selah to Roza had 20 redds.
- Summer above Union Gap good number of redds in Lower Naches
- Chandler – Shut down next Wed the 29th.
- Need help to take fish out of canal. Job Corp is no longer able to help.
- Have someone come down with 1-truck, just need driver.
- PROSSER Coho: Bill Bosch
- Great job to Winna Switzler and Flo Howtopat on keeping up with the counts of Coho.
- Spring Chinook (hand-out) by Bill Bosch
- 2014 brood Roza & Prosser counts.
- Forecasted –vs- Actual
- Meeting Dec 16-18 at Nelson Springs. Genetic stuff, folks can call in if they want.
- Does Bill Fiander want to do one for Fall Chinook in March? Will get with Bill B.
- Steelhead: 34 @ Roza. Seems kind of high for this time of year?
- NW Fish Culture Conference. 1st week of December in Pendleton.
- Steelhead channel study. Proposal evaluating the reproductive success. Sept 30, meeting at Prosser re: steelhead.
- Decision document – can be signed and done today.
-

NEXT MEETING: November 19, 2014 @ Nelson Springs

Signed In:

Bill Fiander	YN	bfiander@yakama.com
Bill Sharp	YN	sharp@yakama.com
Bill Bosch	YN	bbosch@yakama.com
John Easterbrooks	WDFW	eastejae@dfw.wa.gov
Anthony Fritts	WDFW	anthony.fritts@dfw.wa.gov
Charles Strom	YN	osprey@qwestoffice.net
Scott Nicolai	YN	ykfphabitat@fairpoint.net

YKFP Policy Group Meeting
 Draft Agenda, Oct 23, 2014
 Nelson Springs USA

1. Call meeting to order
 - Agenda Review, Additions, Adjustments
2. NEPA Status, Updates, open
3. Budgets, Contracts, Status, open discussion
4. Construction, Maintenance, Mitigation
 - Holmes, status update
 - Other
5. Project Reports. Those received were distributed

- Open Discussion/follow up
6. STAC, Dr. Dave and Anthony
 - Steelhead Channel Study
 - Coho Update
 - Holmes Coho Hatchery
 - Other
 7. Next Meeting date/place_____
 8. Recess

Re: Postponed Policy Group

ALL Policy Group Members.....the Policy Group Meeting that was scheduled for Wed, Nov 19th @ Nelson Springs has been POSTPONED until further notice. We had a conflicts with other meeting schedules. Thank you

Re: Postponed Policy Group

ALL Policy Group Members.....the Policy Group Meeting that was planned for December @ Nelson Springs has been POSTPONED until further notice. Thank you



MEMORANDUM

DATE: January 16, 2015
TO: Melvin R. Sampson
FROM: Carol Sue Martin
SUBJECT: YKFP Policy Group Meeting DRAFT minutes

Meeting called to order at 9:20 a.m.

Agenda Review:

- Wrap up meeting by noon, John Easterbrooks has another meeting.
- Meeting @ Nelson Springs @ 1:00 with BOR.
- Jenny Lord, BPA will be available by phone after 10:00, will then give updates under NEPA
-

NEPA: MaryTodd H.

- Bull trout section – where is the permit.
- Internal meeting re: bulltrout at BPA
- - section 10 waiting for 2 year for permit
- EIS/Klickitat
- Plans for Wahkiacus
- Main issues Cultural Consultation (Kate Valdez)
- No more work needs to be done
- How do we wrap up the EIS when it's done?
-

BUDGETS/CONTRACTS/ACCORDS:

- Bill Sharp re: Klickitat O&M contracts
- Hauling non-listed fish
- Need to set up a meeting to hash through some questions re: SOW before start date
- Next week Wednesday @ Discovery center will discuss, before the Holmes discussion.
- If your getting or hearing anything from BPA re: safety, it's because BPA will be making sure safety issues on any project are taken seriously.
- BPA also wants to be more strategic in Hatchery planning: Contracting issues before we do actual construction, water supply, etc. want to take a grass roots approach.
- YKFP/YN wants to know from BPA whom are we suppose to take our concerns to? Without getting excuses and the run around and questions not being answered?
- Design and build maintenance shop on state property at Lyle facility.
- Capitol construction contract
-

CONSTRUCTION:

STAC:

- **Sockeye**
- **Integrated plan**
- **Having extensive catch at Hanford Reach**
- **Dave Fast will talk with Jan re: MOA edits (Horn)**

Spring Chinook: Bill Bosch

NEXT MEETING/DATE/PLACE: February 18, 2015 @ M&E Bldg @ Nelson Springs

In Attendance: John Easterbrooks, Bill Sharp, John Marvin, Anthony Fritts, Bill Bosch, Melvin Sampson, Dave Fast, Pat Spurgin, Bill Fiander, MaryTodd Haight and Jenny Lord by phone.

YKFP Policy Group Meeting

1/14/15 @ 9:00 a.m.

Nelson Spring, USA

DRAFT

- 1. Call Meeting to Order: Mel**
 - a. A. Agenda Review, additions, Adjustments**
- 2. NEPA**
 - a. Status Updates: Open, Discussions**
- 3. Budgets, contracts**
- 4. Contracts, Maintenance, Mitigation**
 - a. Homes: Status Update**
 - b. Other**
- 5. Project Reports: Those received were distributed**
 - a. Open discussion/follow up**
 - b. Klickitat; Bill Sharp**
 - c. Other**
- 6. STAC: Dr. Dave and Anthony**
 - a. Oregon AFS Hatchery Wild Conference**
 - b. Sockeye Fishery in Hanford Reach**
 - c. C. BPA Discussion on Holmes**
 - d. Other**
- 7. Next Meeting Date and Place**
- 8. RECESS**



MEMORANDUM

DATE: February 20, 2015
TO: Melvin R. Sampson
FROM: Carol Sue Martin
SUBJECT: **YKFP Policy Group Minutes for February 18, 2015 meeting**

Meeting called to order @9:15

Agenda Items

Jenny Lord will call in to give report on NEPA

Anthony Fritts would like to talk about possible manuscript

NEPA: Jenny L.

- Finalization on Klickitat EIS
- Fish and Wildlife talked re: permits, renewals, ESA coverage on bull trout coverage.
- List of section 109 permits for renewal

BUDGETS: MaryTodd H.

- Contracts status: open discussion
- Covered everything last month, not really much to report on this month
- Klickitat 4,000 square foot shop @ Lyle. This would house fish truck, screens and other equipment.
- Lori Bodi and Jack Christensen re: Letter to BPA re: Mitchell Act funds.
- Michelle O'Malley & Chris Reid creating a spreadsheet for out years of budget for Billy and Charlie
- FISMA: anti hacking, data paid with public dollars. Expanded scope is part of FISMA and attached will be attached to all contracts. Letters are annual will be updated every year.

CONSTRUCTION, MAINTENANCE, MITIGATION:

- Holmes
- Finalize position – how do we address TERO
- Defer question re: fees
- How do we move forward with procurement without holding up project>
- Tribal Policy maker – would make the call.
- BPA needs clear evidence of any fees that are being paid.
- Exterior boundary (YN ceded lands) TERO applies in most cases.
- Ceded areas are exclusive within Tribal Rights
- Mark Johnston is working with Ecology re: water permits

- Cle Elum Hatchery Acclimation Sites: will pull screens next week, due to no snow this year, the fish need to head out on what high flows we may have. If they want to leave, they will.
- Sampling is happening this week.

STAC: Dave Fast & Anthony Fritts

- Annual Science/Management conference will be held during spring break @ Central in Ellensburg. The dates will be June 17 & 18, 2015.
- Steelhead Kelt Study:
- Tributary in Upper Yakima resident steelhead reconditioned 11 females & 11 males from Upper Yakima. 11 females from Naches River.
- Placing both mature and immature in channel. (will get confirmation)
- This is a feasibility study.
- Channel has been watered up for a week now and water looks good.
- These will be pitted and going in on Thursday,

SPRING CHINOOK FORECAST: Bill Bosch

- Posted PDF 2015 (forecast)
- No new age data
- Still looking at 9300
- Ratio is 58/42 wild/hatchery

OTHER: John Easterbrooks

- Drought preparation discussion
- Last drought we had was in 2005
- Bill Bosch will send out a MIT message

Added Agenda Item: Anthony Fritts

- USFWS re: collaborating on manuscript in using data that we have collected.
- Does the PG have any problem with him looking at any of our data?
- Also interested in data that Scott Nicolai has re: water levels and water flows.
- Bruton Dam Removal
- Evaluating the purpose of the action
- Need more detail, evaluating the purpose of the action, what information is he looking for and the use of the data?

NEXT MEETING: March 18, 2015 @ Cle Elum Hatchery @ 9:00

YKFP Policy Group Meeting

Feb. 18, 15 @ 9:00 a.m.

Nelson Springs, USA

Draft Agenda

1. Call meeting to order; Mel
- a. Agenda review, Additions, Adjustments
2. NEPA, Status, Updates: Jenny, (BPA pending), Other

- 3 Budgets, Contracts Status: Open Discussion
4. Construction, Maintenance, Mitigation
 - a. Holmes, Status Update
 - b. Other
5. Project Reports: Those received were distributed
 - Open Discussion, Follow Up:
 - FISMA; Mary Todd
 - Klickitat Letter response; Mary Todd
6. STAC: Dr Dave and Anthony
 - a. Dates for Annual Science/Management Conference
 - b. Status Update on Steelhead Kelt Study
 - c. Spring Chinook Forecast for 2015, Fast/Bosch
 - d. Other
7. Next Meeting Date/Place _____
8. Recess



MEMORANDUM

DATE: March 23, 2015
TO: Melvin R. Sampson
FROM: Carol Sue Martin
SUBJECT: YKFP Policy Group Minutes for March 18, 2015 meeting

Meeting called to order @9:15

Agenda Items:

Jenny Lord has no new updates and will not be calling in today.

No added agenda items

No new discussion

NEPA:

- Environmental Compliance Training. Review of proposed projects for necessary permitting and environmental compliance prior to implementation is a critical component of any work funded by BPA.
- Several different locations throughout the Columbia River Basin to make it easier for your attendance and you only need to attend one.
- COTR role will remain the same
- Mitchell Act final came out – Klickitat had seven alternatives, BPA wants to consider these as well.
- Bull Trout sampling, for the Yakima sec.7 and sec. 10
- [Michelle M. O'Malley](#)
- I wanted to share the link to the environmental compliance HIP III information that I mentioned at the meeting: http://efw.bpa.gov/environmental_services/endangeredespecies.aspx If you look at the links on the rightside of the page, you can access the handbook and conservation measures, as well as other useful material.
- [Tools and other ESA links:](#)
- [Endangered Species Act Process](#)
- [HIP III Handbook](#)
- [HIP III Herbicide Handbook](#)
- [HIP III Conservation Measure CAD Sheet](#)
- [NOAA Fisheries HIP III BiOp](#)
- [USFWS HIP III BiOp](#)

BUDGETS, CONTRACTS, OPEN DIALOGUE

- Down to 6-10 project managers
- Should have new people on board by end of year.

- Also will be hiring Environmental folks, will be advertised for 10-days
- Pisces is moving to the web. 2016/2017 Taurus
- Agency IT personnel will be the first to hear about the new Gemini program
- Coordination meeting is scheduled for April 6th, 2015. Will be held at The Dalles but, not at the Discovery Center.
- Capitol Construction Contract – site tour re: safety at Lyle and Castile Falls
- 2-year contract –v- 1-year contracts. MaryTodd likes 1 year contract, you can see what was accomplished in that one year.
- Project Managers like 2-year contracts, because once you get a project started you have those two years to get that project started and working and don't have to stop once the year is up.
- Cle Elum smolt went into operation on Monday, March 16, still using wooden flume.

CONSTRUCTION:

- Holmes, is there an MOU yet? Jan is on vacation till next week.
- Not happy that this got pushed back this far.

PROJECT REPORTS:

- Is the reporting system working?
- Does the Policy Group review the submitted reports?
- Group briefly discussed the recent ISAB report on Columbia Basin-wide density dependence issues.
- As of Monday, March 16, 2015 gates were pulled at all Cle Elum Acclimation sites, these are the numbers that remain as of today. 10% remain @ Easton, 54% remain @ Jack Creek and 66% Clark Flats.
- John Easterbrooks, stated that the tentative May 1st start date is for the Yakima spring chinook sport fishery and that the first spring chinook should show up at Prosser Dam in mid-April.
- Chad Stewart of BOR sent an email Tuesday, re: low flows below Roza, Dave Fast was at this meeting.

STAC:

- CESRF manuscript accepted for publication, Hatchery management, Habitat. WDFW, NOAA, YN and Curt Knudsen.
- Will be coming out soon.
- Steelhead Spawning Channel – two redds in upper section (Naches)
- No spawning yet
- Joe said there are a few kelts showing up at Prosser.
- Bill Sharp reported that his guys found 5-redds above Castile.
- Sockeye smolt passage opened March 16, 2015
- Monday @ 11:00 started water transfers from Roza to Kittitas County Reclamation. 17% below natural flow.
- Drought planning for the Yakima Basin, Tribal drought session, had three altogether.
- Integrated Plan
- A lot of home owners
- Extended the comment period.

NEXT MEETING DATE/PLACE: Wednesday, April 22, 2015 @ Prosser WA

April 23, 2015

Policy Group Meeting, Prosser, 9:30-11:30AM

Attendance: Mel Sampson, Gabe Temple, Pat Spurgin, Dave Fast, Bill Bosch, Michelle O'Malley, John Easterbrooks, Scott Nicolai

1. Agenda Review

2. NEPA

Mary Todd's 4/21 email gives a Klickitat update

3. Budgets, Contracts

Mary Todd's 4/21 email gives a Klickitat update

4. Construction, Maintenance, Mitigation

CESRF wetland mitigation. Sandra Fife is working with environmental coordinator; Boone Pond side channel status is still uncertain. Scott would like to get something in place for autumn 2015 construction window. Scott doesn't think there are any permitting issues. Need some feedback from BPA re flow calculations – will it achieve wetland improvement expected based on LIDAR data. Michelle to follow up.

Klickitat – see MT 4/21 email

5. Project Reports

John Easterbrooks commented that it would be beneficial for reports to provide a little more information:

- Todd Newsome - in coho report, please identify rearing/release groups as to origin, eg, local NxN, HxN, HxH, out-of-basin.
- RE kelts in for 2015, please identify how many kelts were collected by which date
- summer Chinook – more detail please, where are the fish being held, released, origin, etc.
- Gabe Temple provided more detail on the hooking mortality study. A draft report is being prepared but needs some additional data analysis. First year of study, fish were anchor-tagged at catch (~600 feet below Roza), then released to be recaptured at Roza trap for additional tagging, but 30% of these fish never got detected passing Roza, and without radio or PIT tag were not able to determine the final disposition of these fish. Second and third years, fish were tagged at catch with radio tags, then tracked to final disposition. These differences complicate the analysis.
- Scott Nicolai still doing some restorative work on Wilson Creek using AmeriCorps workers. Over 300 students through Holmes this week for environmental education related to earth day events.

6. STAC

- a. Spring Chinook run update – Bosch briefly reviewed the latest Bonneville, Prosser and Roza data. So far, there are no data that would warrant changing the preseason forecasts, about 232,000 to the Col. R. mouth and about 9,000 to the Yakima R. mouth. Ocean productivity indicators are not good and do not bode well for fish returning in 2016. JE previewed state fishing regulations, fishery in lower Yakima opens May 1; sent a request to YN to open reservation boundary reach. Will begin using lower catch limit for special new section at mouth of Yakima for summer Chinook and sockeye season that starts June 16.

- b. Steelhead spawning channel update. Naches section has 3 confirmed redds, and maybe one smaller redd, no live females left. Upper Yakima has 4 confirmed redds and possible 4 smaller redds, four live females left.
- c. Prosser has over 5,100 steelhead counted; Roza has 340+ and still counting.
- d. Chandler getting about 30 kelts per day, over 600 2015 kelts have now been sampled for the season; flows very low, so more are being entrained into canal.
- e. SOAC – conserved water being claimed by KID. Clause in 1994 YRBWEP language stating KID was not to be damaged because of conservation savings; in drought year they are arguing for 100% allocation even though they have a junior water right.
- f. BPA habitat action effectiveness monitoring (AEM). Met with Phil Roni at Ellensburg. After that meeting, BPA (Lofy) contacted YN to meet again. BPA would like YN to be part of their AEM program. Difficulty is to tie specific habitat projects to quantitative fish benefits. Hard to do effective analysis without a good baseline of data to compare against. Also need to be more specific in terms of what is measured, ie, did habitat achieve its specific objective, for example increase the number of pools in a pool-limited reach. YN sent a letter to J. Sweet, but Lofy hadn't seen it, so some lack of coordination here; also hard to get these habitat guys who are very busy implementing projects to make time for a meeting that may or may not be fruitful.
- g. Drought planning. Emergency wells-DOE reluctant to open these up. Water pulse-wait for natural event and use any available water for pulse all at once to complement natural event rather than spreading it out over several weeks as was done in 2014.
- h. Integrated Plan update. Issue: 200K acre feet that would be pumped in drought year to get irrigators up to 70%; this may not be acceptable to DOE – food web issues. Site visit to Rimrock Dam to look at fish passage options for upstream and downstream passage.
- i. Geoff McMichaels has proposed to do studies of walleye and smallmouth bass near Bateman Island.

7. Next Meeting: May 20, 9AM, at Cle Elum M&E Bldg.



MEMORANDUM

DATE: May 21, 2015
TO: Melvin R. Sampson
FROM: Carol Sue Martin
SUBJECT: YKFP Policy Group Minutes for May 20, 2015 meeting @ Cle Elum M&E Bldg.

Meeting called to order @9:25

Agenda Review:

No BPA representatives @ meeting today. Michelle O'Malley sent email said she could not make it. If you needed any reports from her she can be reached by phone.

- No reports were given on NEPA, Budgets, Contracts.

4. Construction, Maintenance, Mitigation

- Holmes/Patrick Spurgin
- Request for offers for build went out and had ten-different entities reply for Design Build projects.
- NEPA is not done yet (will be EIS)
- TERO questions that need to be addressed
- Draft MOU to address funding
- Meeting scheduled with BPA in June
- Pre-offer site tour set for June 2nd for 10 groups that responded for design build.
- State water right application, looking at using Treaty Reserved water rights. Will still need state right rights application for ground water.
- will look into getting land placed into trust land.

5. Project Reports: John Easterbrooks

- Cle Elum Hatchery March 12, screens were pulled. Jack Creek fish started leaving right away compared to other acclimation sites. (Clark & Easton). Had a really good rain day and a lot of fish headed out.
- 23% Clark Flat HxH
- Raceway #19 age 5 progeny (Peter G.) study. Hatchery control line fish.
- 13 years we have been doing this HxH to keep line going. In 2002 a decision document was done. If we're going to be making changes to the study, then there should be another decision document done.

- Last week Friday, May 15, 2015 Sharon of USFWS changed drug they use for BKD antibiotics.
- Only S-line, because she is not sure of the new drugs dosage. S-Line fish are not used for spawning of any kind.
- Prosser 7,000 fish count
- Coho 398,000 @ Prosser. Are these out of basin? From Eagle Creek?
- Willard fish?
- Still need more specifics from Todd Newsome on his reports. Why Willard fish?
- What about Melinda Davis? Is she still employed with YN Fisheries? Have not seen anything from her project in a long time? Said that Melinda Davis will be giving a presentation @ PAR in June 2015.
- Anthony Fritts getting their report written. Writing it as if it was the final.
- Charlie Waters manuscript, will bring this study up at the beginning of PAR and then will figure out what the next step will be.

6. STAC: Dave Fast & Anthony Fritts

- Added note: Charles Strom re: gate @ Jack Creek was not acting right. Had Mark Luce and Obermeyer come and take a look at on Wednesday, May 13, 2015 along with D.J., Ted Martin and Charles.
- found leak in control valve and found out the PLC on terminal was not connected. No leaking bladder.
- Rock on bottom on river could be pinching the bladder and could eventually rip a hold. When river starts to run low, would like to excavate, build figure 4 stands to life bladder and clear rocks out of reset them.
- O&M costs might be getting a bit bigger? Feel good about this site and all that we have figured out.
- Scott Nicolai's Edge Project, Scott & Charlie have a meeting with Parks and Rec this afternoon. They are worried about trails and large equipment passing over the through in order to get materials for the Edge project.

Spring Chinook: Bill Bosch

- Latest counts suggest we will meet or exceed preseason forecast.
- Peak of run @ Prosser on May 7 and @ Roza beginning May 12.
- Forecast run 42% hatchery-origin, but only running about 28-29% @ Prosser so far.
- 11,000 – 12,000 could be the final run – with fewer than 1,000 jacks.

Spawning Channel Update:

- Conference call on Tuesday May 19th
- 9 redds in channel
- Sacrifice the females and get gamete study that way, this was the decision of the technical group after we went over other options.

Kelt Update @ Prosser:

- 1,200 @ Chandler (includes all fish)
- 70+ holdovers (immature) still surviving and on-hand from last fall.
- 100+ controls were PIT-tagged and released directly to the river.

- BiOp Litigation is likely to continue to question utility of kelt reconditioning as a recovery tool. Data on contribution to productivity and natural production is needed.

Drought Update:

- BOR & Irrigators have a meeting every two weeks. Next meeting will be in June.
- Easton area looks awful already as far as water flow.

Summer Chinook:

- Marion Drain
- Issues with Tribe at MD. P.Ward has Sturgeon project and running into issue where there might not be enough water to run both Summer Chinook & Sturgeon Project?
- Sturgeon project is growing and they raise their sturgeon for food production.
- A pump test should be done to see how much water their projects uses and/or needs in a year.
- Or we might just have a permanent acclimation facility at Nelson Springs.
- Take issue to YN Tribal Council and let the Fish and Wildlife Committee decide what should be done.

S&M Conference:

- Agenda out
- Conference date is June 17-18 at CWU.

Habitat AEM update:

- BPA sent something to Dave Fast re: meeting that YN and BPA might benefit on a re-group meeting?
- Meeting is set in September 2015.

NEXT MEETING: NO MEETING IN JUNE, 2015 that will be PAR

SIGN-IN:

Anthony Fritts, WDFW

Bill Bosch, YKFP

John Easterbrooks, WDFW

Dave Fast, YKFP

Pat Spurgin, YKFP

Mel Sampson, YKFP

Scott Nicolai, YKFP

Charles Strom, YKFP

June 2015
Policy Group Meeting

No Meeting held the month of June
Due to PAR in Ellensburg

July 2015
Policy Group Meeting

No Meeting held the month of July
Due to Open House @ Cle Elum Hatchery

Monday, August 10, 2015 @ Nelson Springs

Meeting called to order @9:10 a.m.

In attendance: Melvin, David Fast, Bill Bosch, Bill Fiander, Pat Spurgin, Anthony Fritts and John Easterbrooks & Carol Sue Martin

Agenda Review:

- No reps from BPA
- EIS Capitol Discussions Klickitat Status & Wahkiakus re: Cultural Significance?
- Contracting selection going on for the Melvin Sampson Facility (Holmes)
- Panel of four BPA that will be making decision on construction

NEPA: No report – no representatives from BPA

BUDGETS & CONTRACT:

- Accords?

CONSTRUCTION, MAINTENANCE, MITIGATION

- Continuous maintenance
- BPA development –
- Power Council – update F&W program
- Projected Maintenance Plan – Bill Bosch
- US –v- OR = room for fall Chinook mitigation? John Day mitigation with the Corp

STAC:

- Signed Change Order to Canal – Naches Control Collection of Salmon
- Fall 10-pairs Naches (not American). Spring Chinook for wild control
- Sockeye Mark Johnston got his 10,000 fish @ Cle Elum
- Bill Bosch – Hand-out (Curt Knudsen) Adult passage @ Prosser & past Prosser

NEXT MEETING: September 23, 2015 @ Wahkiakus



MEMORANDUM

DATE: September 24, 2015
TO: Melvin R. Sampson
FROM: Carol Sue Martin
SUBJECT: **YKFP Policy Group Minutes for September 23, 2015 meeting**

Policy Group Meeting, Wahkiacus, 8:30-12:30AM

Attendance: Mel Sampson, Pat Spurgin, Dave Fast, Michelle O'Malley, John Easterbrooks, Bill Fiander, Peter Lofy, MaryTodd Haight, Greg Smith, Jenny Lord, Anthony Fritts, Bill Sharp, Jason Rau, Jerod Bartholomew, Shane Keep, Joe Zend and Will Conley.

1. Agenda Review
 - Forecast for Coho run? John will ask Bill Bosch (Bill not in attendance)
2. NEPA
 - Mary Todd's introduced Greg Smith will be working on Klickitat Environmental Compliance issues along with Jenny Lord. ESA Compliance, section 6 Cultural consultation, no issues, just need to go through process.
 - Record of Decision, Master Plan Final project
 - Bill Sharp asked on Property for a 5-year lease? BPA said this was fine and Bill will give a small site tour after meeting and at later date will get with land owner to work out specifics.
 - Final ESA Draft, do we need to respond to the first set of comments along with the second set of comments? This was a no, this has been done.
3. Budgets, Contracts
 - Kahnida is the only CO for the Yakima
 - DNR educational budget of \$15,000 has been extended to end of year.
 - International travel, BPA finds that they are inconsistent in this area. They are saying no to travel to New Zealand, even though this was already earmarked in budget. But, at that time the location of conference was not known. What about Canadian travel, fish don't know boundaries? This will be further discussed. F&W regulation and not BPA regulation.
 - 2 year contracts, draft proposal, draft policy. Main reason for 2 year contracts was that with the 1-year contracts the money was not being managed well. Ended up with unspent money. Need to get rid of pre awards.
 - 12-month contract and add 12 months onto that.
 - Hatchery O&M (salaries, projected salaries, can we predict?) This would not work for Habitat.
4. Construction, Maintenance, Mitigation

- Klickitat Construction safety fixes.
- Melvin signed the safety letter with our concerns. Not agreeing with BPA's safety report.
- Some good issues were brought up in the report and those have been addressed.
- Discussion about issues with report, MaryTodd and Peter will take these concerns to Khanida Mote.
- October 31st is when contract should be closing. Has been open since 2009.
- Holmes site visit has been scheduled for Sept 30th @ 9:30 (due to SFBD money used to purchase property)
- Jan Brady needs to be informed and Dave Fast will send her the information.
- Selection process for construction, 3-proposal have been reviewed.
- Where is the MOA? This is how the tribe will handle

5. Project Reports

6. STAC

- a. Spring Chinook run update – Bosch is not in attendance and email numbers to both Dave and John E.
- b. 8,486 Adults and 543 jacks
- c. Spawning surveys are going on now in the American
- d. Sockeye: drought conditions, few in July. 1325 Adults 213 Jacks as of September 22nd. 326 Sockeye in basin. Due to warm water in Columbia River, 10,000 Sockeye were hauled to Lake Cle Elum in early June.
- e. Update on integrated plan (1): fish passage 10-million across the spillway across the dam. Design adult collections facility, final design fish ladder. Last week had meeting on drought issues.
- f. Global Climate Change Planning Efforts: monitoring temperature, EDT model temperature component of tributaries most impacted by drought. Planning to do with fish for in-basin, local adaptations, Sockeye came back earlier or later as the water temperatures allowed them to move.
- g. Steelhead Kelt Update: Sept. 16 worked 573 kelt at Prosser took blood samples. Blood samples can show which fish will mature and which ones will skip a year. 123 skipped & reared one more year. 30 of those fish survived. Benefits of holding immature fish? Upper Yakima and Naches river for next year will be kept spawning channel, next spring. Steelhead run 242 since July 1st.

7. Klickitat Updates

- Shane Keep updated on M&E & Lyle trap. Operating trap going good, getting a lot of chinook. Due to the water temperature, they still came through but, did not want to handle fish, as they were already stressed.
- evaluating in late May into early June.
- no Coho in trap, a lot of fall Chinook.
- Spring Chinook 5865 fish 11% wild 8% hatchery
- 1100 returned to Klickitat hatchery
- Gave a talk at this year's AFS conference re: electronocosis vs anesthetic where fish can be radio tagged/pittagged. Since fish are released and could be used for consumption. 5-8 minutes per fish, when fish can be released.
- Had paper published in Vol. 35 issue 5 with help from Joe Zendt and Brady Allen.
- Klickitat Hatchery: Jason Rau
- Prespawn mortality
- Taking a hit TKD on fish
- Surplus fish back to the tribe & hold some for production.
- Less than half for production & release

- Fish tank truck is getting insulated and Chuck Carl will be flown down to Omaha, Nebraska to inspect truck.
- Coho are doing well.
- Attached USFWS, Lower Columbia River Fish Health Center (Elisa Results)
- Watched Video that was taken by a drone: Excellent footage that was taken of the Klickitat Hatchery Facility.
- Will Conley: gave slide show of his projects he's been working on. Upper Klickitat – Phase 4. 255 redds were counted 10-miles above Castile falls.
- Haul Road Project.
- Also talked on Nico Ramero's projects. PitTag efforts on White, Summitt, Little Klickitat, Swale, Snyder, Wheeler creeks.
- Lower tributary life histories

8. Next Meeting: October 14th 2015, 9AM, at Nelson Springs

Appendix C: YKFP Policy Group Decision Documents

Document ID	Date	Description
2001-01	2/21/2001	Easton Ponds Coho Acclimation
2002-01	3/26/2002	Easton Ponds Coho Smolt Acclimation
2002-02	3/26/2002	Evaluation of energy expenditure in adult salmon and steelhead migrating upstream in the Columbia and Snake rivers: understanding the influence of delay, fallback, water temperature, and dam operations on fish performance.
2002-03	3/26/2002	Approval and implementation of the preferred domestication experimental design for upper Yakima River spring chinook salmon.
2002-04	3/26/2002	Determine the effects of genetics and food on age 0+ precocial maturation of spring chinook salmon at the Cle Elum Hatchery.
2002-05	3/26/2002	Determination of YKFP action on supplementation fish that result from adults with high and/or very high BKD levels.
2003-01	5/20/2003	Disposition of fry from predator and behavioral dominance assays.
2003-02	12/1/2003	Monitoring of the wild control line of spring Chinook in the Naches River system.
2003-03	12/1/2003	Develop Yakima Basin Master Plans for steelhead, fall chinook, sockeye, and lamprey.
2003-04	12/1/2003	NOAA Fisheries precocial minimization: Test whether early ponding and growth manipulations can significantly reduce the incidence of precocialism, without unintended negative consequences.
2004-01	9/15/2004	Change the containment objective for cutthroat trout from 0% impact to not to exceed 10% impact in the main stem and 40% impact in the tributaries. Investigation of the cause of impacts for resident trout (rainbow, cutthroat) in tributaries will be initiated at or before decreases of 20%.
2006-01	5/24/2006	Terminate the precocial minimization (normal versus slowed growth feeding regime) experiment at CESRF after three brood years of study. Direct CESRF personnel to use the normal growth feeding regime for all ponds beginning with brood year 2005 fish.
2006-02	9/15/2006	Do not collect broodstock for the wild control line during 2006 because of potential harm to the Naches population and the uncertainty of being able to collect a sufficient sample size.
2006-03	12/18/2006	Test the effect of emergence timing on age-1 male maturation (precocious parr) in Yakima River Spring Chinook salmon.
2007-01	2/26/2007	Authorize CESRF personnel to implement a control/treatment study at the acclimation sites using the BioTransfer (saltwater transfer) diet beginning with

Document ID	Date	Description
		brood year 2005 fish.
2007-02	2/22/2007	Do not collect Naches population wild control broodstock unless Naches Basin estimated escapement is 500 or more adults.
2007-03	3/28/2007	Conduct genetically based pedigree analyses to identify the treatment origin of hatchery fish when pre-season forecasts suggest that fewer than 120 HC fish will return to the upper Yakima and prioritization of adult HC pedigree is higher than spawning channel fry pedigree.
2007-04	8/17/2007	Based on current information on the number of HC broodstock on hand plan on suspending the Reproductive Success spawning channel study for just 2007. Reassess the plan subject to the results of the first broodstock sort. Suspended tasks would include work associated with monitoring spawning adults, maintaining fry traps, and sampling fry production.
2008-01	8/5/2008	Authorize the Yakama Nation to proceed with the proposal to re-establish a summer run component to enhance viable salmon population parameters for Fall Chinook in the Yakima Basin. The Yakama Nation will work with WDFW to develop monitoring and evaluation measures for adult returns to the spawning grounds that are sufficient to address concerns regarding spatial and temporal overlap and potential genetic introgression with spring Chinook. The entire proposal including M&E measures will be included in the Fall Chinook Master Plan.
2013-01	2/28/2013	Transfer Accords budget for Yakima steelhead acclimation facilities to corresponding budgets for construction, operation and maintenance of the hatchery facilities at the Holmes property.
2013-02	12/13/2013	Approve and forward the spring Chinook, fall Chinook, and coho HGMPs by the Yakama Nation and WDFW to NOAA Fisheries for ESA consultation purposes.
2014-01	8/7/2014	Approve research at the CESRF to study the effect of parent age on the rate of minijack production among male progeny of spring Chinook and the effect of parent age, size, and egg size on the growth (length and weight) of spring Chinook at the Fry and Parr stage.
2014-02	10/23/2014	Approve the use of the CESRF spawning channel for steelhead kelt reproductive success research beginning in the late winter/spring of 2015.
2015-01	08/11/2015	Suspend collection of broodstock for the Naches wild control line in 2015 because of potential harm to the Naches population due to high water temperatures.