



Klickitat Management, Data & Habitat (YKFP) Annual Report for Project Activities from 1/1/2013 to 12/31/2014



BPA Project # 1988-120-35

Report covers work performed under BPA contract #(s) 56662 REL 39 and 56662 REL 69.

Report was completed under BPA contract #(s) 56662 REL 91

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

December 2, 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, Bill Sharp, Klickitat Management, Data & Habitat (YKFP) Annual Report, 1/1/2013 to 12/31/2014, 1988-120-35

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Executive Summary

This Klickitat Management, Data & Habitat project (1988-120-35) is the overall umbrella for the Yakima/Klickitat Fisheries Project (YKFP) activities in the Klickitat Subbasin which includes a number of sub-projects that address facilities operations and maintenance (O&M); research, monitoring and evaluation (RME); and habitat protection and enhancement activities (KWEP). This project includes the overall management and administration, as well as the data management and habitat coordination efforts for the YKFP activities in the Klickitat Subbasin. This report summarizes project achievements relative to management oversight, policy development, project planning, administrative support, data management, communication of science results (project annual review, peer-reviewed publications), and watershed planning. Klickitat YKFP-related sub-projects include:

- Klickitat Basin R,M&E (1995-063-35);
- Klickitat Watershed Enhancement (1997-056-00);
- Klickitat Operations and Maintenance (1997-013-35);
- Klickitat Capital Design & Construction (1988-115-35)
- Klickitat Expense Hatchery/Wahkiacus Design (1988-115-35).

Introduction

The Yakima/Klickitat Fisheries Project (YKFP or Project) is split into several sub-projects as listed above. The Management, Data & Habitat project includes the overall management and administration, education & outreach, and data management of the YKFP program. This project provides for all Yakama Nation (YN) management and coordination functions associated with the YKFP in the Klickitat 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 Yakima and Klickitat subbasins.

On June 3, 2003 the YN and the WDFW signed a Memorandum of Understanding which set forth the responsibilities of the YN and the WDFW regarding the transfer

of Lyle Falls Fishway #5, Castile Falls Fishway, and the Klickitat Hatchery administration and operations from WDFW to the YN under the YKFP. The YKFP is a complex and comprehensive project that requires significant management and administrative resources. It includes fish production and research facilities and numerous research programs. The YN serves as the YKFP “Lead Agency” and is responsible for implementation of all YKFP programs; including managing and directing YKFP project employees, associated project budgets, and ensuring the quality and efficiency of project activities. In broad categories, the Yakama Nation is responsible to implement and coordinate:

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 and development of a centralized database for Project use and dissemination to others;
5. Prioritizing and selecting habitat restoration and protection projects within the Klickitat Subbasin;
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.

To meet its lead agency responsibilities, the YN employs project staff including managers, scientists, watershed planner, data analyst, and office support personnel. Project management personnel works out of the YKFP’s Central Office in Toppenish, Washington; the Wahkiacus Field Office houses scientists and technicians engaged in monitoring and evaluation, habitat management and data management activities for the Klickitat Subbasin. The YKFP also operates two fish passage facilities and a NOAA funded hatchery in the Klickitat.

This Management, Data & Habitat contract 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 Klickitat Subbasin. Management services funded by this contract include oversight and support of the following YKFP programs:

- Klickitat Basin R,M&E (1995-063-35);
- Klickitat Watershed Enhancement (1997-056-00);
- Klickitat Operations and Maintenance (1997-013-35);
- Klickitat Capital Design & Construction (1988-115-35);
- Klickitat Expense Hatchery/Wahkiacus Design (1988-115-35).

The success of all YKFP projects depends on the established administrative structure and funding provided by this contract. The YN's management and coordination responsibilities are expected to continue through and beyond the contract performance period. 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 1995-064-25, YKFP Policy/Technical Involvement/Planning.

This contract has eight primary objectives:

1. Provide comprehensive management oversight of the implementation of YKFP activities.
2. Support YN policy development related to YKFP activities in the Klickitat Subbasin.
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 technical review.
5. Design, develop and manage YKFP's Data and Information System.
6. Schedule and conduct the YKFP's Columbia Gorge Fisheries and Watershed Science Conference, which often includes presentations by YN project scientists and regional partners.
7. Participate in watershed planning, protection and restoration initiatives, costshare funding opportunities with various agencies, groups, and committees.

8. Participate in and develop education & outreach activities in the Klickitat Subbasin to inform the local community of the YKFP project and foster stewardship of aquatic resources.

1. Provide comprehensive management oversight of the implementation of YKFP activities.

Methods: The YKFP is co-managed by the YN and the 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. Annual planning documents are reviewed and approved by the YKFP's Policy Group. The Project's Science Technical Advisory Committee (STAC), consists of senior biologists from the YN and WDFW, and advises the Policy Group. The Policy Group works closely with 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 this period (Jan. 1, 2013-Dec. 31, 2014) and associated links are presented in Appendix B.

2. Support YN policy development related to YKFP activities in the Klickitat Subbasin.

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 YN 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 YN 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 the NPCC's Fish and Wildlife Program amendment process, and several other NPCC efforts such as Integrated Status and Effectiveness Monitoring Program (ISEMP), Columbia Habitat Monitoring Program (CHaMP) (Project #2011-006-00), Action Effectiveness Monitoring of Tributary Habitat Improvement (AEM). In addition, the YN and YKFP was actively engaged in NOAA's development of the "Final Environmental Impact Statement to Inform Columbia River Basin Hatchery Operations and the Funding of Mitchell Act

Hatchery Programs” to ensure treaty harvest in the Columbia Basin. To protect treaty rights, and as a party to the US v. OR. Agreement, YKFP senior staff are actively engaged in the NOAA Mitchell Act FEIS as it relates to existing and proposed Klickitat Hatchery actions and ongoing interconnection with USFWS and WDFW partner hatcheries in the mid and lower Columbia River. Currently O&M funding to support hatchery production is 100% Mitchell Act funded and supplemented by grant funding. The YN will continue to be engaged through the FEIS ROD and beyond, as this may frame the role of existing and future hatcheries, production levels, and strategic reform measures to address mitigation requirements.

On the subbasin level, YKFP staff coordinated with the Washington Department of Ecology, Region 5 of WDFW, Columbia Land Trust, Klickitat County, the Governor’s Salmon Recovery Office and other regional and subbasin interests as part of ongoing regional planning efforts, and thereby further YKFP habitat restoration and fisheries efforts. On a local level, the YKFP has been tracking local government decisions on land use matters (e.g. Klickitat County land use--comprehensive plan updates, critical areas and shoreline updates) that affect aquatic health, habitat and carrying capacity of streams.

Key documents developed during this reporting period include:

- ISRP response issued to BPA and NPCC/ISRP (April 2013).
- Klickitat Master Plan update issues to NPCC in late July 2012. This draft document was used to guide FEIS planning to be consistent with NEPA documentation and NOAA’s Hatchery Genetic Management Plan (HGMP) development.

3. 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 Klickitat Subbasin. 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 archiving current all Project planning, operations, and YKFP decision 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 the

“Klickitat River Anadromous Fisheries Master Plan.”. These activities included responding to comments on these Master Plans by the Independent Scientific Review Panel (ISRP). A comprehensive list of YKFP Policy Group decision documents, used to adaptively manage the project, can be found in Appendix C. In early 2013 MD&H staff met with and updated NMFS on recently implemented or in-progress projects for its Salmon Recovery Implementation Tracking System.

Additional Project Planning Activities:

- KMP planning for Klickitat Hatchery improvements and upgrades included reviewing KMP and EIS, editing and responding to the ISRP and BPA comments
- Assisted in completing HGMP for reformed Klickitat Hatchery program
- Staff provided technical information, assisted in development and editing the Biological Opinion report for BPA on Mid-C Steelhead in the Klickitat basin
- Involvement in SRFB local technical committee for proposed habitat project review and ranking
- Scientific review of PCSRF funding proposals as requested by CRITFC
- Review of BPA’s Programmatic Approach to Habitat Effectiveness Monitoring, and implication to YN’s ongoing Tepee Creek Food Web Study.
- Attended US v OR Production Advisory Committee and Policy Committee meetings
- Planned and participated in Klickitat tour with NOAA’s Assistant Regional Administrator.

4. Provide required administrative support for Project operations, including financial management, accountability and technical review.

Methods: The financial management/compliance monitoring of YKFP and BPA contracts requires extensive attention and effort. 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, accrual estimates, cost share estimates, start of contract budgets, operational budget modifications, and year-end closeouts were completed as necessary.

5. 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 (once developed), in a manner consistent with YN policy. Through the co-managed YKFP, data managers will work to establish consistent data sharing protocols with our co-managers at WDFW. The end goal will be 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 will:

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

The YKFP will maintain and update a data and information management and transmission system capable of handling the YKFP's existing and future generated data and information. The YKFP will further develop and enhance 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. One data manager is employed for the Klickitat Subbasin. This data manager oversees the maintenance, development, quality control, and backup of these databases. To the maximum extent possible, data are integrated with regional databases (e.g., 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 Klickitat Basin project activities including: redd counts, juvenile and adult migration counts, habitat monitoring, technical reports and publications, project review/conference information, etc.
- 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: Klickitat habitat surveys; Lyle Falls adult trap counts; Klickitat smolt trap counts; Klickitat stream temperature and sediment data;
- 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, and continuous evaluation, testing, and implementation of new technologies that promise increased data management potential.

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. Geological Survey, Pacific States Marine Fisheries Commission, Klickitat Salmon Recovery Lead Entity, Columbia River Inter-Tribal Fish Commission, Mobrand, Jones, and Stokes, and several other consultants and contractors.

6. Schedule and conduct the YKFP-sponsored Columbia Gorge Fisheries and Watershed Science Conference, which includes presentations by project scientists and regional experts.

Methods: An explicit goal of the YKFP is to provide knowledge about the use of hatchery production so that it may be used to mitigate effects on anadromous fisheries throughout the Columbia River Basin. The agenda, abstracts, and presentations from the conference are posted to the YKFP-Klickitat 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 2013 Columbia Gorge Fisheries and Watershed Science Conference was held on March 19, 2013 and the results are available [here](#). The 2014 conference was held on April 15, 2014, and the results are available [here](#). Klickitat Project annual reports associated with the umbrella project are identified here and linked to their annual report for this reporting period:

- [YKFP M&E 199506325 Annual Report](#).

7. 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: Staff participated in ongoing Gorge- or region wide, multi-basin, multi-agency efforts such as the Columbia Gorge Cooperative Weed Management Area and the Interagency Sustainable Recreation Strategy Team, spearheaded by the USFS National Scenic Area. Land use coordination occurred on various land use proposals and comprehensive plan amendments, involving rural and agricultural lands designations, critical areas protection standards. YKFP project staff restored habitats in the Klickitat Subbasin directly or in conjunction with project partners. Highlights during this reporting period include, completion of Haul Road Phase #3 and design and implementation of Phase #4 in the mid-basin area to restore floodplain function and off-channel habitats. Elsewhere in the mid-basin, YKFP staff continued work on the White/Teepee Creek Food Web Study in order to address

effectiveness of habitat actions. In the upper basin YKFP staff replaced an undersized bridge with larger span and improved local habitat conditions to improve hydrologic function for spawning and rearing conditions. Additional information can be found in these projects and other accomplishments in Klickitat Watershed Enhancement Project (#1997-056-00) annual reports.

8. Participate in and develop education & outreach activities in the Klickitat Subbasin to inform the local community of the YKFP project and foster stewardship of aquatic resources. [SITC, Water Jam, etc.]

Methods: Expansion of the YKFP in the Klickitat Subbasin affords the opportunity to assist in ongoing educational outreach into the local community. Project staff will partner with the USFWS- Columbia Gorge Information and Education Office (<http://www.fws.gov/gorgefish/General/education2.htm>) and local teachers to provide outreach activities that are informative, relevant to the local community, promote involvement, and improve stewardship of our natural resources.

Results and Discussion:

The Salmon in the Classroom program, a partnership between the USFWS and YN has been running successfully for a number of years, providing in-class tanks for basin schools as well as varied offerings of in-class learning about the watersheds and the water cycle, salmon life cycle, adaptation and habitat. The fish are released at the end of the session at Klickitat Hatchery by the students in a field trip that also includes a hatchery tour. Staff also delivers “Culture of Salmon” talks reviewing natural and cultural history of the area as it relates to the relationship of Yakama people to salmon to schools participating in SITC. The SITC season culminates with Water Jam, a two-day multi-agency outdoor learning event that seeks to reinforce with fun, hands-on activities all the salmon-related learning for area 4th and 5th (and occasionally 6th) grade students. YN provided a tribal storyteller station and a “Restore-A-Stream” habitat restoration station. In addition, staff presented on restoration projects and tours of Lyle Falls restoration and fishway facility to various educational and user groups, served as a natural history interpreter on floats of the Klickitat River for an outdoor education program, helped facilitate watershed activities for Camp Chaparral in the basin, and worked with local science teachers to increase opportunities for experiential field learning in the basin for their students.

9. 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. 2013a. Response Review of the Klickitat Master Plan. Northwest Power and Conservation Council, Portland, OR. [ISRP 2013-1](#).

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. 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. 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.

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

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

- Automated integration of Lyle Fishway ladder 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 (available upon request), 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](#)

Due to file transfer issues, YKFP Policy Group Minutes for this reporting period are provided in the following manner:

Available minutes for the period of [1/1/13 to 9/30/13](#) are attached below.

For period of [10/1/13 to 9/30/14](#) minutes can be obtained through our companion project (Yakima River Management & Data, 1988-120-25) report using this [link](#).

The remainder of this reporting period (10/1/14 to 12/31/14) can be obtained through our companion project (Yakima River Management & Data, 1988-120-25) report using this [link](#).



MEMORANDUM

Minutes for Policy Group Meeting held @ Nelson Springs on **January 16, 2013**

Called Meeting to Order: 9:10 a.m

In Attendance: Melvin R. Sampson, Dr. Dave Fast, John Easterbrooks, Anthony Fritz, Patrick D. Spurgin, MaryTodd Haight, Bill Fiander, Andrew Murdoch (by phone)

Agenda Items: Scott Nicolai, Bill Bosch and Bill Sharp not in attendance

- Mary Todd added agenda item for Cle Elum MOA update
- John Easterbrooks

NEPA:

- Hanna waiting for what process is going to happen re: Cultural Resource review @ Wahkiakus. Pat will make and note and check on it.
- Another survey may have to be done?
- Klickitat EIS still moving along
- Could be done spring 2013 this is the best date we have at this time.
- Hanna working with her legal people on Steelhead program for Lyle

BUDGET/CONTRACTS:

- Accords provide inflation rate but, does not give a rate to go by?
- Could cause liability concerns
- YN last conversation was that they had four-options
- BPA is waiting for Chris Reed

CONSTRUCTION/MAINTENANCE:

- Cle Elum MOA
- Mary Bodine, Intern looking into a MOA to see if Cle Elum even needs an MOA
- Melvin said he came across a draft that was done in 1999?
- William Charles West (WCW) submitted request for substantial completion/certification
- New bldg is completed @ Prosser Hatchery Facility. Was to be a pole bldg and ended a stick bldg.

PROJECT REPORTS:

- No one had any issues or comments on reports submitted

STAC:

- Master Plan status is going and will be ready to submit to IRSP by end of the month.
- Holmes Property will be ready to work on
- Status of fall Chinook Acclimation in Lower Yakima
- Lower River fall Chinook steps 2&3 at the same time (just an idea)
- PAC needs to focus on what to do with 1-7 or move to another location. And make sure they know that no production @ Priest.
- Tom Scribner and Steve Parker are both aware of this.
- Leave 500 at Prosser
- Need no confusion of species.
- 3.7 mil on lower Yakima site/CRITFC, budget meeting – moving money around. This is accords money that CRITFC has. Umatilla and Warm Springs also want chunks of this money.
- YN has a good part of it for projects.
- Cle Elum Fish Transfer Status
- 1/10 moved smolts to acclimation sites in Easton & Clark Flats
- 2/4 will transfer fish to Jack Creek – dependent on weather, if not will move on 2/12.
- Following week transfer Coho to Holmes and Stiles
- Cowiche and Rattlesnake are mobile sites
- Steelhead Decision Document
- Moved money from steelhead hatchery and Nelson Springs capital budget into Holmes account
- No plans on having a steelhead hatchery
- Will have a decision document drawn up when Bill Bosch returns to the office.
- Will continue steelhead kelt reconditioning project and continue passage improvements
- John Easterbrooks added agenda items
- Wanted an update on Scott Nicolai's Holmes property on what was happening with the housing and storage.
- House will be updated to have on-site person on board to work at facility and make sure someone is always on site for break-ins
- Also have storage facility on-site where supplies and equipment is kept. The Corp and WDFW staff keeps stuff stored at this facility.
- MaryTodd asked the question “with Scott's project at Holmes and the new hatchery facility that will be built are these duplicate projects”?
- These projects should not interfere with each other and Scott will keep house and storage
- The new hatchery facility will be its own and will also have housing for staff to stay on-site.
- Update on MIT meeting
- SNIPS –v- Satellites
- Will check with Bill Bosch he took notes at meeting.

NEXT MEETING: February 20, 2013 @ Nelson Springs (Tentative)

YKFP PG Meeting @ Nelson Springs, USA

Jan. 16, 2013 @9:00 a.m.

Draft Agenda

1. Call Meeting to Order: Mel
+Agenda Review: Additions/Adjustments
 2. NEPA ; Status Updates; BPA
 3. Budgets/ Contracts Status: BPA
+ Other
 4. Construction, Maintenance, Mitigation
 5. Project Reports: Those rec'd were distributed
+ Open for follow up discussion/questions
 6. STAC: Dr. Dave and Andrew
+ Master Plan Status
+ Status of Fall Chinook Acclimation in Lower Yakima
+ CE Fish Transfer Status
+ Steelhead Decision Document
+ Other
 7. Other
 8. Next Meeting/date, Place_____
 9. Recess
-



MEMORANDUM

DATE: March 5, 2013
TO: Melvin R. Sampson
FROM: Carol Sue Speedis
SUBJECT: **YKFP Policy Group Meeting DRAFT minutes**

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

In attendance: Melvin, John Easterbrooks, Bill Bosch, Pat Spurgin, MaryTodd H., Dave Fast, Scott Nicolai.

Agenda Items: Bill Fiander, Bill Sharp and Anthony Fritts will be out today.

Additions: Move Holmes property to end of agenda to item #7 (Scott Nicolai) & Geographic Review Proposal by MaryTodd.

NEPA: Klickitat

- Hanna working on EIS to final, looking @ June as wrap up date
- Hanna will be moving over to MaryTodd's group & out of environmental
- Issue with HGMT's was supposed to be completed last November? It was not and not completion as of yet.

- Meeting on March 1, 2013 in Portland between Bill Sharp, USFWS, MaryTodd for presentation on construction.
- Lyle punch list? Completion certificate has not been issued yet
- Hatchery NEPA/Holmes – EIS needs to be done
- Recommend going for an EA since ground has been disturbed already.

BUDGET/CONTRACTS:

- Quarterly meeting was postponed to March 15, 2013
- Consensus to take Habitat out of Management & Date (more administrative)
- Habitat restoration into Side Channels will be new work elements under side channels
- Performance will be one-year

CONSTRUCTION, MAINTENANCE, MITIGATION:

- New building at Prosser Hatchery will set up next Policy Group meeting to be held in Prosser and view new constructed bldg.

STAC:

- Spring Chinook run Projection
- 73,000 to the mouth
- 55% hatchery above the Naches
- 45% wild
- Ideal is 100,000 fish
- Smolt Release at Acclimation Sites
- Pull gates on 15th of March
- Push out remaining fish by May 15
- Clark Flats fish were ready to head out earlier than normal last year...will not pull gates early this year, until discussion at yearly PAR meeting.
- Behind on scheduling this year's PAR.
- Scott Nicolai would like to bow out of coordinating Habitat portion of PAR and would like to recommend Alex Conley.
- Dave Fast will speak with Alex later this week.
- Will get some dates set after talking with Paul James
- GEOGRAPHIC REVIEW PROPOSAL:
- Categorical Reviews
- Scott and Hank working on proposal
- Elaine Harvey has hers done
- Dave Lindly & Will Conley finished theirs
- Reviews loaded into Taurus, IRSP review in a couple of wks
- ISRP will meet or call on projects for review. Schedule is uploaded on Council website
- May 14-15 Washington Salmon Recovery Board meeting (Scott Nicolai)
- HATCHERY NEPA/HOLMES: Scott Nicolai
- Urgently upgrades are needed. How do these upgrades integrate with hatchery?
- House needs new foundation. Questions: why do the upgrade? If the house is going to be bulldozed out of the way for hatchery?
- Scott brought in a map for location of house and hatchery site. Lines can be moved and suggested a way we can have both Holmes property site and hatchery. If we can think of a way to get lines moved on map, Salmon Recovery Board said they would approve if something could be worked out.
- Propose to move line and place hatchery in an area where it won't affect the wetlands.

- Get rid of concrete irrigation ditch. Ditch supports a farm a bit lower and after speaking with the folks that stay there they don't mind the ditch being gone, they would prefer to have pressurized water, which would come from the slough
- Can't buy the farms or land but, we could buy the water rights.
- What do we need to do at this point?
- Feasibility study is first thing
- Don't want Holmes property to sit idle for too long. If we can come up with a solution, sooner the better.

NEXT MEETING/DATE, PLACE: April 17, 2013 @ Prosser Hatchery

YKFP PG Meeting @ Nelson Springs, USA

February 28, 2013 @ 9:00 A.M.

Draft Agenda

1. Call Meeting to Order: Mel
 - Agenda Review/Adjustments
2. NEPA: Status Updates; BPA
3. Budgets, Contracts Status: Open Discussion
 - Other
4. Construction, Maintenance, Mitigation
 - *TBA
5. Project Reports; Those received were distributed
 - * Open for follow up discussion/questions
 - * Status of Geographic Review Proposals: Open Discussions
 - * Update on Holmes Property Building Upgrades
- 6 STAC: Dr. Dave & Andrew
 - Klickitat Meeting with BPA
 - Steelhead Run Update
 - Life Cycle Modeling Meeting
 - Spring Chinook Run Projection
 - Smolt Release at Acclimation Sites
 - Other
7. Other
8. Next Meeting/Date, Place
9. Recess



M E M O R A N D U M

DATE: August 14, 2013
TO: Melvin R. Sampson

FROM: Carol Sue Martin
SUBJECT: YKFP Policy Group Meeting August, 2013 Activities Reports Submitted

Session called to order @ 11:35 after the Lyle tour

Bill Sharp: Jeanette B. working on revegetation work now until mid-October. This is one of several reveg projects.

David Lindley out working on haul road project along with Will Conley. They are also working on the Tepee Creek II project, which is a key trib to White Creek for Steelhead spawns.

Joe Zendt's crew is are doing spawner surveys

- Nico presented a power point presentation on the work he is doing on Natural Production & effective monitoring.

NEPA:

- Klickitat on 9/25/13 joint meeting w/committees on NEPA for cultural clearance. Tribal Council resolution
- Accords – artificial production in Klickitat
- Current program and where we want to be US v OR downstream
- Finalize EIS with suitable language re: Wahkiacus Acc Facility minimize footprint. Early 2014 finalize design and begin construction of project elements at both Klickitat Hatchery and Wahkiacus Acc Facility.

BUDGET:

- Michelle has hard copy of COTR's for which projects, but has not sent out to all yet. These would be for YN & WDFW

CONSTRUCTION:

- Cle Elum Hatchery maintenance issues. Power would not transfer to facility. Problem has been since the beginning of operation of facility. Found out it's a wiring problem and is being fixed.
- Well was replaced, drop in power & needs longer lag-time.
- Currently have 100 horse power and will replace with 50 horse power.

PROJECT REPORTS:

- Reports were not collected this month.
- Dr. Dave Fast said to go ahead and collect and get them out to PG members.
- Discussed the importance of these reports and was discussed and decided that all reports are to be submitted to Carol Sue by the 10th of each month.

STAC:

- Holmes Coho Hatchery, Fish & Wildlife Committee is in full support of project.
- Submit to full council on October 9, 2013 in Helena MT
- Then proceed with to next step which is step 2
- National AFS in Little Rock, talked on behalf of Tim Flog for the HRSG's
- Steelhead Kelt plans, CRITFC geneticist will be at Prosser to work up fish on October 23 and 24, 2013
- Will work up fish and release. 70 of these fish will be radio tagged and all are PIT tagged. These fish are released either at the outfall of hatchery or near the road.
- Fall fishing season will close on Oct 22, 2013

- Sockeye: first year we have received a large number back. 600 adults at Roza, 4,000 from Priest Rapids
- Smolts from 3 year age groups
- Summer Chinook: 1400 at Prosser
- Upper Columbia basin fish will be spawned and acclimated at Prosser
- Anthony Fritts reported that survival to Roza was up – but, don't have any numbers for today's meeting.

NEXT MEETING DATE/PLACE: Wednesday, October 23, 2013 @ Prosser Hatchery

SIGN-INS

NAME:

Bill Fiander
 Anthony Fritts
 Peter Lofy
 Pat Spurgin
 Michelle O'Malley
 John Easterbrooks
 Dave Fast
 Jenny Lord
 Mary Todd Haight
 Deanna Lamebull
 David Lind
 Bill Sharp
 Bill Bosch
 Jason Rau
 Charles Strom
 Joanne Fernandez
 Jerod Bartholomew
 Gregg Knott

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MEMORANDUM

YKFP Policy Group Meeting @ Klickitat (Lyle)
Sept 25, 2013, @ 9: 00am
 Draft Agenda (State @ Lyle First)

1. Call meeting to Order: Mel
 Agenda Review: Additions, Adjustments
 - 1A. 9:30-11:00 AM Tour Lyle Falls Fishway & Adult trap
 - Observe fish lift/work up
 - Tour facility
 - Klickitat M&E Project Update
 - 11:00-11:20 AM Travel to Field Office (Wahkiacus)
 - *Lunch @ Klickitat Field Office
 - Klickitat Watershed Enhancement Project Update: David Lindley
 - Habitat Effectiveness/Natural Production Update: NiC Romero
- **REVERT BACK TO AGENDA

2. NEPA: Status Updates
3. Budgets/Contracts: Status/Discussion
4. Construction, Maintenance, Mitigation
5. Project Reports: Those rec'd were distributed
 Open for follow up discussion, questions
6. STAC: Dr. Dave and Anthony
 - *Status of Coho Three step process (NPCC)
 - *National AFS in Little Rock
 - *Steelhead Kelt Plans
 - *Sockeye Update
 - *Summer Chinook Update
 - *Other
7. OTHER
8. Next Meeting Date/Place
9. Recess



M E M O R A N D U M

DATE: March 10, 2014
TO: Melvin R. Sampson
FROM: Carol Sue Speedis
SUBJECT: **YKFP Policy Group Meeting DRAFT minutes**

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

Agenda Review:

Bill Sharp: Move his report to top of mtg. He has another mtg to get to down on the Klickitat -updating for NOAA review process on Klickitat

- 1:00 mtg today down at Klickitat
- working with Pat Splurging on William Charles West – settlement
- HGMP completed and w/NOAA, formal consultation
- recreational rafters on Little White Salmon while spring chinook spawning, disturbing redds.

NEPA: MaryTodd H.

- Request from Jenny Lord, BPA that works on Yakima Basin. She had sent out request of herbicide applications that folks are using on their projects. Needs to know what kind are being used on your projects? What sites are you using them on? Who is the contact person?
- Bill Fiander and Charles Strom submitted theirs for Upper and Lower
- Kelly Clayton will get the information and get submitted to Jenny L.
- Scott Nicolai said he is in transition from one weed agency to another. But, Kelly will have this information to Jenny soon.

BUDGET/STATUS UPDATES:

Andre' L'Heureux explained that half million in the hole for O&M, shortfall needs, re: who covers cost at Cle Elum, taking money from out years. Are there any other components within YKFP that are effected as well?

CONSTRUCTION:

MaryTodd H.

- Jason Sweet conference call.
- monitoring program, program language. Meeting at a later date
- request habitat team, new program management plan
- standardized habitat project for instants: Placement of large woody debris, what does this really mean to fish? Since monitoring was not standardized, which projects fit into this process?
- Scott Nicolai, Kelly Clayton and John Marvin will work with Jason Sweet.

CONSTRUCTION, MAINTENANCE, MITIGATION:

Cle Elum:

- 2013 fry are out
- Four wells running – working on #5 failed probe
- Analog cards gone out – have to phase out.
- 2012 brood at acclimation sites
- Jan 23rd Jack Creek got their fish
- March 14th – pull screens on all sites
- Had power outage at Easton
- Hatchery hosts selected. Not getting any new people signing up to be Hatchery Hosts, will be bringing back same hosts and they will cover May-Sept 2014.

Boone's Pond: Scott Nicolai, Kelly Clayton

- conference call @10:30 – Marsha Fisher and Rocky of Natural Systems Design
- 30% preliminary design

- operation of Cle Elum Hatchery, wells have drawn down water level
- Dept. of Ecology, City of Ellensburg to address impacts
- developed mitigation on Tillman Creek 2004/2005
- The mitigation that was already done – it was decided that it was not enough mitigation for what was lost.
- We need to own 8-acres that the city of Cle Elum owns (junk-property) or get a permanent easement to use this portion. The property in question can never be developed on.
- Property was appraised @\$15,000.
- This is a mitigation project not a restoration project.
- Michelle O'Malley will take this information back to Sandra Fife at BPA and fill her in, see if we can do something as far as BPA meeting with City of Cle Elum folks on issue.

STAC: Dave Fast

- Jan Brady, Holmes Property
- 1st draft using template as draft from Walla Walla /Umatilla, review late this week.
- Ann Sentors budget 1-2 for contract that Mark J. has reviewed.
- Pat spoke with Jan and Ann on what contract might look like
- Science/Mgmt. Planning: 3 months away, will be held again at Central, during break.
- June 18-19, 2014. Will check and confirm date.
- Scott, Anthony and Dave will need to have a meeting and look at last year's agenda and get things rolling.
- Scott Nicolai already has a keynote speaker Joe Peske, NOAA Scientist
- Integrated Plan update – Yakima River Enhancement Project.
- Fish Passage at Cle Elum Lake – sockeye
- tunnel from Kachess to Keechelus
- Phil Ridgon, YN heading back to Washington DC to lobby for federal participation.

NEXT MEETING/DATE, PLACE: April, 17th, 2014 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:

Document ID	Date	Description
		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 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

Document ID	Date	Description
		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 (Nov. 2013) by the Yakama Nation and WDFW to NOAA Fisheries for ESA consultation purposes. Available at http://www.ykfp.org/klickitat/Hatch_AP.htm
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.