NORTHWEST POWER PLANNING COUNCIL
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January 9, 2003

MEMORANDUM

TO: **Council Members**

FROM: **Lynn Palensky and Brian Allee**

SUBJECT: **Lower Snake Subbasin Planning Contract**

Proposed Action

Staff recommends that the Council authorize the Executive Director to negotiate a contract with the Pomeroy Conservation District for development of the Lower Snake Subbasin Plan as supported and approved by the Snake River Salmon Recovery Board (SRSRB) which is the Level II coordinating Group for that region in Washington. The total cost of completing this work will not exceed $73,334.

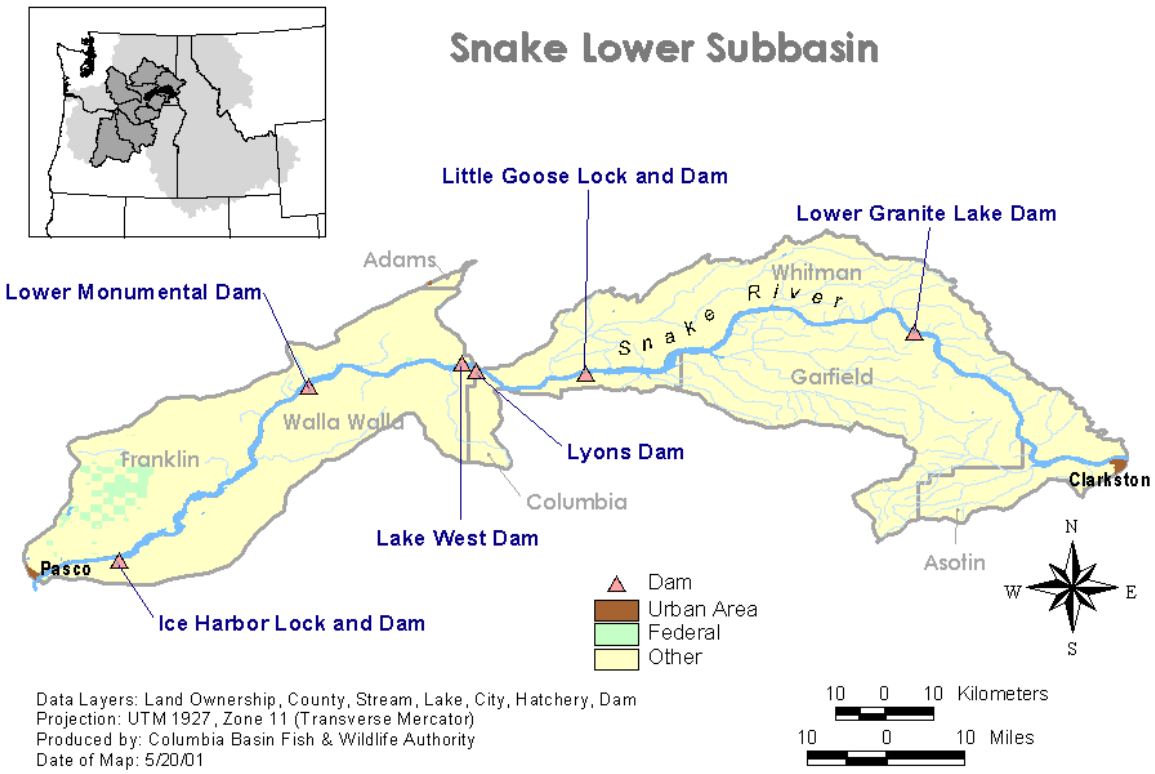
Background

The SRSRB in Washington has regional jurisdiction in all or part of the Asotin, Lower Snake, Tucannon, and the Walla Walla subbasins. The SRSRB has designated individual lead entities as fiscal agents, and co-leads for all four subbasins. The Pomeroy Conservation District (PCD) will be the lead entity and contracting agent, while the Nez Perce Tribe (NPT) is the Co-lead for the Lower Snake subbasin. The NPT will help initiate the process and ensure proper outreach to subbasin stakeholders, specifically tribal public involvement. The approach taken for the planning in this region is at the individual subbasin scale while the approach for completing the technical components will occur at the recovery region (Level II) scale as described in the Snake River Technical Work Plan. Some of the funding originally allocated to this subbasin for Level I planning was shifted to augment the Level II technical budget. *The proposed workplan and budget which have been sent to you electronically, are available on the Council's website at www.council.org/news/agenda.htm.*

Schedule and Budget

The Lower Snake subbasin plan will be submitted by May 2004. The SRSRB has approved the funding allocation for the Lower Snake subbasin plan development. The budget for this contract will not exceed $73,334 for FY03/04.

Lower Snake
Subbasin Planning Work Program
Submitted by the
Pomeroy Conservation District
January 2003



APPLICATION CERTIFICATION AND TRANSMITTAL

To: Northwest Power Planning Council
851 SW Sixth Avenue, Suite 1100
Portland, OR 97204
Attn: Contracts Officer

From: Lead Entity Organization
Pomeroy Conservation District (Lead Entity)
P.O. Box 468, 804 Main
Pomeroy, WA 99347
Contact Person: Duane Bartels
Phone #: (509) 843-1998

Request:

The Snake River Salmon Recovery Board is the Level II coordinating group in the Lower Snake Region of Washington. The Snake River Salmon Recovery Board identified the Pomeroy Conservation District (PCD) as the Lead Entity for the Lower Snake Subbasin. The PCD is requesting contract funding from the Northwest Power Planning Council (Council) for the development of the subbasin plan described below and in accordance with such funding conditions as may be required by the Council. This application is prepared with full knowledge and understanding of the Council's practices and procedures described in the request for funding materials provided.

Project Name:
Subbasin Lower Snake Subbasin
Province Columbia Plateau

Certification:

I certify that to the best of my knowledge, the information provided in this application is true and correct and that the funding requested will be utilized only for the purpose of carrying out the activities described in the attached statement of work.

Authorized Representative_____
Signature Date

Printed Name and Title: Duane Bartels – District Manager

APPLICANT/ORGANIZATION PROPOSAL

Province name Columbia Plateau Subbasin name Lower Snake Subbasin
Organization Pomeroy Conservation District
Address 804 Main, P.O. Box 468
City/Town Pomeroy
State, Zip Washington, 99347
Telephone # (509) 843-1998 Email address duanebar@pomeroy-wa.com

Describe organization purpose, legal status and contract administration capability:
Pomeroy Conservation District is a Political Sub-Division of the State of Washington, Tax ID # 91-0623543. We have dealt with contracts from Bonneville Power Administration, Washington State Conservation Commission, Interagency Committee for Outdoor Recreation, Department of Ecology, and Washington Department of Fish and Wildlife.

Contract contact information:

Project management coordinator:

Name Duane Bartels Mailing address same as above

City/Town, State, Zip same as above

Email address same as above Telephone # same as above

Contract administration representative:

Name Duane Bartels Mailing address same as above

City/Town, State, Zip same as above Email address duanebar@pomeroy-wa.com

Telephone # same as above

Snake River Salmon Recovery Board
Recommendations for Subbasin Planning in the Lower Snake River Region

1. Subbasin Planning Funding (Level I) for the Lower Snake River Subbasins

Shown below are the Snake River Salmon Recovery Board (Board) recommendations from the October 30th Meeting. The Lower Snake Subbasin Plan budget is highlighted. The subbasin planning lead entities agreed to shift some of the planning budget to the technical budget for each of Lower Snake subbasins. The table below shows the amount shifted from planning to technical. The proposed planning budget column shows the amount for this workplan. The technical work will come under separate contracts.

Subbasin	Original Planning Budget	Proposed Planning Budget	*Amount shifted from planning to technical*	Proposed Tech Budget	Total Budget
Asotin	$152,666	$106,638	*$46,028*	$78,362	$185,000
Tucannon	$152,666	$100,388	*$52,278*	$84,612	$185,000
Walla Walla	$152,666	$109,138	*$43,528*	$75,862	$185,000
Snake Lower	$100,000	$73,334 (this work plan)	*$26,666*	$59,000	$132,334
TOTAL	$557,998	$389,498	*$168,500*	$297,836	$687,334

October 30th meeting participants and recommendations for Subbasin and Technical Funding for the Lower Snake River Region in Washington. Participants from the Leads, Co-Lead and Co-Managers with help from the US Forest Service developed the Subbasin and Technical Budgets.

Name	Organization	Email
Bradley J. Johnson	Asotin County Conservation District	brad-johnson@wa.nacdnet.org
Megan Browne	Asotin County Conservation District	megan-browne@wa.nacdnet.org
Del Groat	US Forest Service – Pomeroy Ranger District	dgroat@fs.fed.us
Duane Bartels	Pomeroy Conservation District	duanebar@pomeroy.wa.co
Terry Bruegman	Columbia Conservation District	terry-bruegaman@wa.nacdnet.org
Mark Wachtel	Washington Department of Fish and Wildlife	wachtmlw@dfw.wa.gov
John Andrews	Washington Department of Fish and Wildlife	andrejga@dfw.wa.gov
Cathy LaRoque	Walla Walla County	claroque@co.walla-walla.wa.us
Jim Scott	Washington Department of Fish and Wildlife	scottjbs@dfw.wa.gov
Emmit E. Taylor Jr.	Nez Perce Tribe Fisheries	emmitt@nezperce.org
Steve Martin	Snake River Salmon Recovery Board	compost@gohighspeed.com

2. Statewide Technical Funding (Level II) for the Lower Snake River Budget (Under separate contracts)

The Snake River Subbasin Planning participants recommend to the Northwest Power Planning Council that the Original Regional Technical budget of $129,336 be added to the Subbasin Contributions of $168,500 and be allocated to the entities described in the following table[a]:

The $297,836 Regional Technical Budget shall be allocated as shown:
The two areas highlighted are the subbasin contribution and the Council's Technical Budget with the Planning Participants recommendations for each subbasin. These budgets are explained in the Technical Scope of Work.

Subbasin	WDFW/Mobrand[1]		CTUIR		NPT		USFS[2]	Subbasin Contribution	Technical Budget	Total
	Fish	Wildlife	Fish	Wildlife	Fish	Wildlife				
Asotin	**$47,112**	$12,000	$0	$0	$15,000	$3,000	$1,250	$46,028	$32,334	$78,362
Tucannon	**$47,112**	$12,000	$10,000	$1,500	$10,000	$1,500	$2,500	$52,278	$32,334	$84,612
Lower Snake	**$38,000**	$12,000	$0	$0	$6,000	$3,000	$0	$26,666	$32,334	$59,000
Walla Walla	**$47,112**	$12,000	$12,500	$3,000	$0	$0	$1,250	$43,528	$32,334	$75,862
Subtotal	$179,336[3]	$48,000[4]	$22,500	$4,500	$31,000	$7,500				
Total	$227,336		$27,000		$38,500		$5,000	$168,500	$129,336	$297,836

[1]WDFW will subcontract to Mobrand $113,496 for running EDT in six streams and associated tributaries (Ten Mile, Almota, Deadman, Asotin, Tucannon and Walla Walla), while the wildlife component will be completed by WDFW working with the co-managers to conduct the inventory, assessment and develop a draft terrestrial and fish management plan. WDFW may run the EDT modeling if Mobrand is unable to perform this task due to workload.
[2]USFS shall provide technical assistance and data for three subbasins, Asotin, Tucannon and Walla Walla.
[3I] The distribution shall be $65,840 to WDFW and $113,496 to Mobrand on subcontract to WDFW providing Mobrand runs the EDT modeling.
[4]This budget amount was requested of the four regional boards by WDFW to fund 0.7 FTE in each region of the State.

SUMMARY DESCRIPTION OF PROJECT

Project Overview

The Lower Snake Subbasin Plan will contain the strategies that drive the implementation of the Council's Fish and Wildlife Program at the subbasin level. The subbasin plans will be developed in an open, public process that will include the participation of a wide range of state, federal, and tribal governments; local managers; landowners; local governments; and other citizen stakeholders. The lead entity and fiscal agent identified for the Lower Snake Subbasin is the Pomeroy Conservation District (PCD). The Nez Perce Tribe is Co-Lead. The Planning Team to this stage is composed of representative from the lead agency, local landowners and city, county and state governments, although it will expand in the early stages of the planning process. The Lower Snake Subbasin Planning Team will form a Technical Team that has the biological, physical, and management expertise to refine, validate and analyze data that will inform the planners in developing the plan. This is vital because the Council's expectation is that subbasin plans should be based on current scientific understanding of the subbasin and explicitly identifies the underlying data, assumptions and rules.

The subbasin plan will be developed locally, and in collaboration with fish and wildlife managers, local governments, interest groups, and stakeholders and other state and federal land and water resources managers. This means public involvement is a fundamental part of the process; the PCD, as the lead entity, will ensure that local parties are an important part of the planning process.

The Planning Team that will be working on the Lower Snake Subbasin Plan completed the Lower Snake Subbasin Summary in May of 2001. As a starting point for developing the subbasin plan, we will use the subbasin summary. The key distinctions between the summary and the plan are: (1) the summary was a scientific foundation of available data collected from existing sources including a subbasin assessment of the current conditions; while (2) the management plan section will be the vision, objectives, and strategies that will be identified, developed, and implemented over the next ten-to-fifteen year planning horizon. In other words, the points at which the plan takes off from the summary are primarily in the completion of the assessment and the development of the vision, objectives and strategies (management plan).

We will be posting document updates and subbasin news on the Council's website that will serve two purposes: (1) facilitate public involvement in the planning process, and (2) serve as the official repository of the most up to date or adopted version of the plan, and associated information that may be updated and expanded if this process continues in the future.

Overall approach, including infrastructure, coordination with other entities and technical assistance that will be utilized in the plan development process.

The PCD has the infrastructure in place to help facilitate, coordinate and administer the Lower Snake Subbasin Plan. Duane Bartels assisted Neil Ward, the Subbasin Team Leader, with the Lower Snake Subbasin Summary. He also assisted Terry Bruegman, the Subbasin Team Leader, with the Tucannon Subbasin Summary. He has the ability to coordinate with other entities and has great relationships with local state and federal technical Entities

The Nez Perce Tribe Fisheries Watershed Program (NPTFWP) also has the infrastructure in place to help facilitate, coordinate and administer the Lower Snake Subbasin Plan. The Lower Snake Subbasin is within the ceded territory of the Nez Perce Tribe under the Treaty of 1855 with the United States Federal Government. The Federal Government recognizes that the Nez Perce Tribe reserves certain rights to use natural resources pursuant to the treaty and to act as co-managers in the protection and enhancement of such resources. Emmit E. Taylor Jr. will be Co-Lead with the PCD.

He brings his experience working with BPA Projects in the Clearwater System to the State of Washington.

Kimberly Morris, District Manager of the Whitman Conservation District, and Rob Buchert, District Manager of the Palouse Conservation District, will both have valuable input and be vital links in the development of this subbasin plan.

The PCD has been the primarily entity working with BPA, Salmon Recovery Funding Board (SRFB), Washington State Conservation Commission (WCC), and Department of Ecology (DOE) Funds for habitat protection and restoration projects in the Lower Snake Subbasin. The overall approach of the PCD has been to include local citizen and landowners and get voluntary participation on sensitive habitat restoration projects. Coupled with the trust PCD has gained with not only the private sector, but also the local technical Entities we envision a very cohesive Technical and Planning Team (previously in the Model Watershed Planning process there was a Technical Advisory and Landowner Steering Committees that have worked together to draft the *Pataha Creek Model Watershed Plan* in 1995). We believe that the Co-Managers' participation is key and need to get the general public to understand the roles and responsibilities of each agency and what is appropriate protocol for subbasin planning.

Other ongoing complimentary planning efforts that will be considered for integration in the final plan.

Pataha Creek Model Watershed Plan, *Lower Snake Subbasin Summary*, WRIA #35 Watershed Planning (2514), Snake River Salmon Recovery Plan (SRFB/IAC), and NMFS Technical Review Team (TRT) Process, and Limiting Factors for WRIA #35.

The subbasin, including geographical characteristics, species, habitat, reservoir implications, tributaries

The Lower Snake Subbasin drains approximately 792 square miles of Whitman, Asotin, Columbia, and Garfield Counties. Several small tributaries with perennial water flow that contain fish populations are included in this subbasin. These tributaries generally drain an arid landscape and have similar climate and land use. Some of these streams drain the north side of the Snake River in Whitman County (for example, Alkali Flat Creek, Penawawa, Almota, Wawawai and Steptoe Canyon creeks) others drain from the south, primarily in Garfield County (Alpowa, Deadman and Meadow creeks). Little is known about most of these streams, but there is a recent effort by several Entities to sample fish populations and habitat conditions in them.

The subbasin contains dryland and a small amount of irrigated cropland, rangeland and a very limited amount of forestland. The watershed is largely rural, comprised of farming and ranching enterprises. Isolated pockets of urban uses are located in small communities, including Almota and Riparia.

Portions of the Lower Snake Subbasin remain an important Snake River tributary for anadromous salmonid production in Washington. ESA listed stocks of summer steelhead along with resident rainbow trout utilize the Lower Snake Subbasin. Chinook, Sockeye, and other salmonids migrate through the Lower Snake River Hydro system of Little Goose and Lower Granite Dam reservoirs on their way to tributaries in the Asotin, Grand Ronde, and other watersheds in Idaho.

Recent surveys by WDFW and their Salmon and Steelhead Stock Inventory (SASSI 1992) indicates the presence of Steelhead in the Alpowa, Deadman and Almota Creeks.

Lower Snake Subbasin Project Schedule

2002 Dec	Jan	Feb	2003 Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	2004 Jan	Feb	Mar	Apr
Start-up																
PCD subcontracting; internal tracking system																
Public Meetings Pomeroy Colfax, Pullman																
Assessment																
Subbasin Overview and Focal Species completed							**Inventory**									
										Management Plan						
Develop EDT model. Define reaches, convert stream survey data for model use, refine data sets			Review and validate EDT model results				Summarize existing projects, programs, plans, and ordinances			Define subbasin vision and biological objectives						
Compile existing wildlife information; utilize IBIS modeling and planning tools			Synthesis of Findings: working hypothesis, species abundance/productivity, desired future conditions, opportunities, challenges				Compare inventory and assessment to identify gaps between actions taken and actions needed			Public Meeting # 5 draft vision and biological objectives						
										Monitoring, evaluation, and research plan						
Compile references, documentations and maps										Develop and prioritize subbasin strategies						
			Draft assessment review by advisory group							Public Meeting # 6						
										Coordination to seek consistency with ESA and CWA						
			Public Meeting #4 EDT and IBIS results							Draft management plan reviewed by advisory group and interested public			**Subbasin Plan Finalized**			

Timeline for Subbasin Planning with Leads and Coordinating Entitites				
Task	**Description**	**Lead**	**Coordinating Entities**	**Schedule**
Public Involvement	Provide for public involvement in the development of the subbasin plan by: **1.** Providing the public with information regarding threatened species and reasons for their decline and conditions limiting their recovery; **2.** Soliciting public input on factors to be considered in developing recovery strategies, actions and priorities; and Soliciting and responding to public input on proposed strategies and priorities and implementation measures.	PCD, Whitman CD, Palouse CD / NPT		Jan 2003
Life History and Stock Assessment	This plan element includes development of a life history description, review and update of escapement and run size data, identification of population units, and evaluation of stock status and extinction risk for each species listed or proposed for listing under the ESA. This information will be used to set recovery goals, establish priorities, and define a baseline of monitoring recovery progress.	WDFW	NPT, NMFS, USFWS, USFS	Jan 2003
Inventory - Factors for Decline/ Conditions Limiting Recovery	This plan element includes both a regional and watershed specific discussion of factors contributing to the decline of abundance and conditions limiting recovery of each species. The regional overview will provide a discussion of conditions and factors affecting fish throughout their range and life cycle. The watershed discussion will focus on conditions or factors occurring within a specific watershed. The following factors and conditions will be discussed: **1.** Habitat (includes an examination of habitat needs, historic watershed and habitat conditions and the impacts natural and human processes); **2.** Ecological interactions (includes competition and predation effects of wild and hatchery salmonids, other fish, birds, marine mammals, etc.) **3.** Harvest **4.** Hydro projects **5.** Artificial Production	Writers	WDFW (lead), NPT, NMFS, USFWS WDFW (lead), NPT, WCC, WDOE WDFW for freshwater; NMFS for estuary/marine	Jan 2003
Regional Objectives, Strategies, Actions and Priorities	This plan element will contain region-wide objectives, strategies, actions, and priorities to achieve recovery goals through the mitigation or correction of factors for decline and conditions limiting recovery.	Writers	WDFW / NPT / USFS	Oct 2003
Watershed Objectives, Strategies, Actions, and Priorities	This plan element will contain watershed specific objectives, strategies, actions, and priorities to achieve recovery goals through the mitigation or correction of factors for decline and conditions limiting recovery.	Writers	WDFW / NPT / USFS	Oct 2003
Management Plan	This subbasin management plan element will: **1.** Summarize how the regional and watershed objectives, strategies, actions, and priorities will contribute to achieving recovery goals; **2.** Identify specific implementation responsibilities for federal, state, and local governments. **3.** Provide implementation schedules and funding strategies; **4.** Provide monitoring, evaluation, and adaptive management processes.	Writers	WDFW / NPT/ USFS	Oct 2003

Lower Snake Subbasin Plan
Statement of Work

Subbasin Overview

The Lower Snake Subbasin is within the 4,000 square mile planning area encompassing the Snake River Salmon Recovery Region, with the exceptions of the Grande Ronde, Palouse, and the Snake Hells Canyon basins, which were omitted at the request of Technical Entities from the Snake. It includes the Washington portion of the Lower Snake mainstem. The Lower Snake Subbasin drains approximately 792 square miles of Whitman, Asotin, Columbia, and Garfield Counties. Some of these streams drain the north side of the Snake River in Whitman County (for example, Alkali Flat Creek, Penawawa, Almota, Wawawai and Steptoe Canyon creeks) others drain from the south, primarily in Garfield County (Alpowa, Deadman and Meadow creeks). They will be a part of the Lower Snake Subbasin Plan. The planning area corresponds with the Lower Snake Subbasin in WRIA 35.

Purpose

The purpose of the subbasin planning process is to conduct a thorough scientific assessment, define a vision and goals for fish, wildlife, and habitat in the Lower Snake Subbasin (figure 1), define objectives that measure progress toward those goals, and establish strategies to meet the objectives identified. The purpose of this statement of work is to outline a plan of action to guide the development of the Lower Snake Subbasin Plan.

Overall Project Timeframe

The planning process is expected to conclude in May 2004. The final subbasin plan will be posted at the completion of the process on the Council's web site (see tables above for the schedules).

Project Goals

- By sometime early in the spring of 2003 we will have initiated our public process and posted a Lower Snake Subbasin Planning web site.
- Ten months from the start date we will have completed the public review of the draft plan.
- Approximately fourteen months from the start date we will have completed the final version of the Lower Snake Subbasin Plan and posted the plan on the web site.

Organization

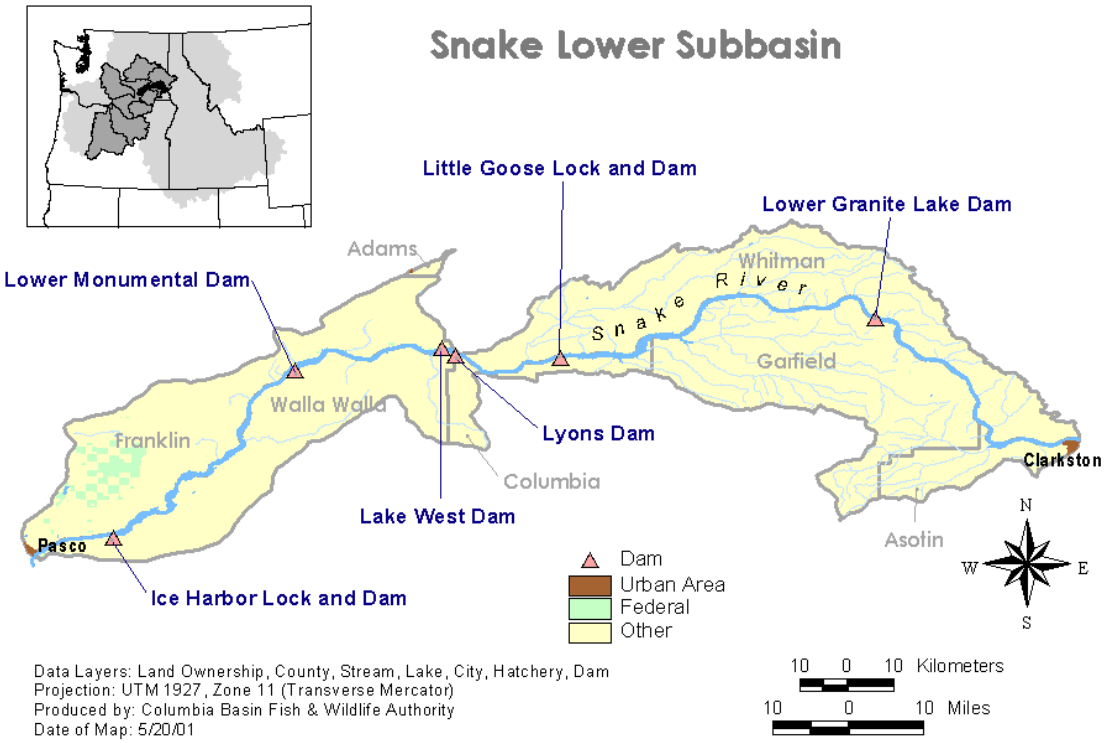
Lead Entity and Co-Lead Entity

The Lead Entity, the PCD, with the assistance of the Whitman Conservation District and the Palouse Conservation District, will initiate the process and ensure that it is open and inclusive and that there is proper outreach to subbasin stakeholders. The Co-Lead Entity is the Nez Perce Tribe Fisheries Watershed Program (NPTFWP). The NPTFWP will help initiate the process and ensure proper outreach to subbasin stakeholders, specifically tribal public involvement.

Subbasin Coordinator and Co-Coordinator

The Subbasin Coordinator is Duane Bartels of the PCD with the assistance of Kimberly Morris of the Whitman Conservation District and Rob Buchert of the Palouse Conservation District. Their responsibility is to provide leadership throughout the process, to serve as a contact point, and to coordinate communication between the various players. Emmit E. Taylor Jr. is the Co-Lead Coordinator for the NPTFWP. He will bring tribal leadership and serve as co-lead helping communication among various players.

Figure 1



Subcontractors

The PCD will subcontract with a firm to facilitate, write and edit (see Note 1 under Budget). It is the expectation of the lead entities that the firm will facilitate and assist with the coordination of Technical and Advisory Team meetings. The firm will submit summary reports after key meetings and public involvement milestones and will assist with the analysis and synthesis of all public input. The firm will work closely with the Technical and Advisory Teams compiling, editing, writing and assessing (as appropriate) various sections of all draft and final versions of the Lower Snake subbasin plan. The PCD will contract with a firm for a data repository of previous projects and monitoring information.

Planning Team

A Planning Team will be organized by the Lead Entities. This group will be composed of representatives from government Entities with jurisdictional authority in the subbasin and quasi-governmental groups. Their primary responsibility will be to coordinate the process, but they will also take the lead in developing the vision, the biological objectives, and prioritization of subbasin strategies. Planning Team meetings, which will be open to the public, will be held on an as needed basis, but no less than once a month.

Technical Work Group

The Technical Team will be comprised of scientific experts as well as key members of the Planning Team. Their primary responsibility will be to analyze scientific data as part of the subbasin assessment, and so they will have the biological, physical, and management expertise to refine, validate, and analyze data that will inform the planners as they develop the management plan. The Technical Team will meet several times as part of Component 2 (see Strategies Section) and again near the end of the process to review the draft of the plan.

Advisory Working Group

A Working Group representing key interests and/or geographical areas will be organized as to focus on and further discuss key concepts identified through the general public involvement efforts. The Working Group will assist in further defining the critical issues, recommending guiding principles, and identifying and analyzing alternative solutions. The Working Group will meet early in the process to help identify issues and strategies. They may reconvene near the end of the process to review the draft of the plan.

Other groups will also play a role in the planning process. These include but are not limited to:

Commissions and Boards

County commissions and citizen boards can offer tremendous insight and knowledge about the community and the complex issues facing the subbasin. Presentations will make presentations to boards and commissions by representatives of the Planning Committee.

The Washington State Departments of Fish and Wildlife and Natural Resources

These state Entities have an interest in subbasin planning. As with the Tribes and the federal Entities, their participation will be key. WDFW is a co-manager in regional salmon recovery and can provide some of the technical information that will make up the management section of the plan.

The Nez Perce Tribal Council

The NPT Council governs the interest of ceded subbasin lands. The Tribal Council will be kept informed on the process and plan development. Representatives of the Lead Entities will make presentations on a regular basis.

Snake River Salmon Recovery Funding Board (SRFB)

The SRFB has been instrumental in developing a Regional Recovery Plan. The fisheries portion of the Plan will be coordinated regionally and inserted into the Snake River Salmon Recovery Plan. Presentations will be made by representatives of the Lead Entities on a regular basis.

WRIA #35 Watershed Planning Unit

The Public Utility District #1 of Asotin County has been instrumental in developing a Watershed Plan for WRIA #35. The fisheries portion of the Lower Snake Subbasin Plan will be a part of the WRIA 35 Watershed Plan.

Federal Land Management Entities

It is recognized that the involvement of the federal land management Entities, predominantly the USDA Forest Service and the USDI Bureau of Land Management is critical for ensuring a successful planning effort. In many basins these Entities have the responsibility for managing a majority of the acres in the basin. Participation includes providing technical support and data as well as providing information to ensure subbasin plan compatibility with the land use management plans for the basin. This collaboration will avoid duplication of planning efforts as well as promote integration and coordination in project planning. There will be limited involvement of the USFS because there are only a very small number of public acres involved in the Lower Snake Subbasin.

NOAA Technical Review Team (TRT)

NOAA Fisheries is in the preliminary phase of developing a process that will describe salmon recovery goals from a numerical perspective for various subbasins. In other words, subbasins will have salmon production goals that collectively will "ensure" adult returns that are sustainable and harvestable, and that will lead to the delisting of the ESA species. We will work with the TRT to ensure that the Lower Snake Subbasin Plan follows their guidelines.

Workplan Components

This work plan identifies five components in the process of subbasin plan development: (1) Public Involvement; (2) Assessment—the analysis of scientific data by the technical team; (3) Inventory; (4) Management Plan—the development of goals, objectives and strategies by the planning team; and (5) Writing/Editing—the compilation of information produced in items 1, 2, and 3 and the writing and editing of the plan.

Table 1: Subbasin Plan General Table of Contents (adapted from Council 2001)

Chapter Title	**Description**
I. Introduction	▪ Introduction to the plan and subbasin overview ▪
II. Subbasin Assessment	▪ Overview, Focal Species, Key Habitats, Environmental Conditions, Hydro system Operations, Ecological Relationships, Limiting Factors, Synthesis
III. Inventory of Existing Activities	▪ Summary of existing projects and programs
IV. Management Plan	▪ Development of subbasin vision & biological objectives ▪ Development and prioritization of subbasin strategies/Integration of Lower Snake River Compensation Plan ▪ Operations Plan ▪ Research, Monitoring, and Evaluation plan Endangered Species and Clean Water Act considerations
V. Technical	▪ Appendix Assessment data, references, maps, supporting documentation ▪

More detailed information on the proposed strategies employed for each of the components follows:

Lower Snake Subbasin Plan – Organizational Chart

Subbasin Lead and Contract Administrator

Duane Bartels, District Manager, Pomeroy Conservation District

Subbasin Planning Team Members

Emmit E. Taylor Jr., Nez Perce Tribe Watershed Program
Paul Kraynak, Nez Perce Tribe Watershed Program
Steve Martin, Snake River Salmon Recovery Board, Project Manager
Glen Mendel, Washington Department of Fish & Wildlife, Fish Management
Mark Schuck, Washington Department of Fish & Wildlife
Joe Bumgarrner, Washington Department of Fish & Wildlife
Mark Wachtel, Washington Department of Fish & Wildlife
Del Groat, U.S. Forest Service, Pomeroy Ranger District
Carol Wildman, Natural Resource Conservation Service
Richard Stauty, Natural Resource Conservation Service
Courtney Smith, Natural Resource Conservation Service
Barry Southerland, Natural Resource Conservation Service
Larry Cooke, Natural Resource Conservation Service
Mark Schuller, Natural Resource Conservation Service
Chad Atkins, Washington Department of Ecology
Chad Fisher, Washington Department of Ecology
Peter Lofy, Bonneville Power Administration, Project Manager
Tara Galuska, Salmon Recovery Funding Board, IAC Project Manager
Mike Kuttel Jr., Washington State Conservation Commission

Subbasin Planning Technical Team

Washington Department of Fish & Wildlife
Nez Perce Tribe
U.S. Forest Service, Pomeroy Ranger District
Natural Resource Conservation Service
Washington Department of Ecology
Bonneville Power Administration, Project Manager

Subbasin Planning Advisory Committee

Pataha Creek Model Watershed Landowner Steering Committee
Pomeroy Conservation District
Garfield County Cattleman
Garfield County Wheat Growers
City of Pomeroy
Garfield County Commissioners
Port of Garfield
Environmental Groups

Component 1. Public Involvement

The PCD and NPTFWP will facilitate and ensure broad-based public involvement component and will summarize the outcomes of all meetings. The primary public involvement tools will include:

- Presentations and Open Houses—informal meetings targeting the public at large or specific public gatherings (i.e., organizations, service clubs, and so forth.)—will enable individuals to hear and see information, talk to planning and technical team members one-on-one, ask questions, and provide input into the planning process.
- Mailers will offer opportunities to those who want to be informed and stay involved through the mail rather than meetings.

The basic assumptions that will be employed for the public involvement component include the following:

- Meetings will be documented, and people will be kept informed throughout the process.
- Public Advertisement: News releases will be submitted to selected media.
- Letter of Invitation: Letters will be written and transmitted to local officials and individuals who have shown an interest or attended previous meetings.
- Meeting Preparation: A strategy session with the Planning Team will be held to reach consensus on the meeting format, agenda, and handout materials before the public event. Subsequently, agendas, and handout materials will be prepared.

Component 2. Assessment: Analysis of scientific data

Task: **ASSESSMENT** of historical and existing conditions.

Sub-tasks:

a) Overview of assessment
b) Unique considerations (for example, extirpation of anadromous salmonids, specific mitigation and substitution decisions and factors, and so forth.)
c) Key focal species (including substitution species)
d) Key habitats
e) Environmental conditions
f) Hydrosystem operations
g) Ecological relationships
h) Limiting factors
i) Synthesis

- Utilize Lower Snake Subbasin Summary
- Utilize WRIA #35 Limiting Factors Analysis for Alpowa, Deadman, Meadow, & Almota Creeks
- Summarize Pataha Creek Model Watershed
- Summarize Nez Perce Tribe Historical Information for Alpowa, Deadman, Meadow, & Almota Creeks
- Summarize WDFW reports for Alpowa, Deadman, Meadow, & Almota Creek

- Summarize US Forest Service reports for Alpowa Creek
- WDFW Compiling and preparing habitat & salmonid data for EDT analysis and Streamnet.
- Summary of WDFW distribution of fish and wildlife species and habitat types.
- Summary of WDFW available biological information by species including: population specific life histories, adult escapement data, juvenile density/distribution data and wildlife density distribution.
- Summary of WDFW available habitat information including: water temperature, stream flow and fish use by habitat type.
- Summary of WDFW assessment of current and potential biological performance, estimation of viability of species and population characteristics (to be provided in part from EDT analysis).
- Meetings with facilitator/writer to clarify the summaries of above and provide technical review of specific written section.
- Meetings with Technical Team to compile information identify gaps in data (gap analysis) and coordinate with other Entities/entities.

Table 2: Content of Subbasin Assessment (from the NWPPC's *A Template for Subbasin Assessment,* April 2000)

Assessment Section	**Content**
A. Background and Introduction	▪ Purpose of the assessment
B. Subbasin description	▪ Province/ESU context ▪ Basin-scale (HUC-2) context or EDT ▪ Subbasin characteristics
C. Habitat condition and trends; historic habitat types and current	▪ Distribution of species and habitat types ▪ Geologic characteristics ▪ Hydrologic characteristics ▪ Water quality ▪ Riparian condition ▪ Wetlands ▪ Land ownership and land use ▪ Biological information by species
D. Synthesis and interpretation	▪ Coarse-scale association of habitats ▪ Characteristics and population attributes of species ▪ Estimation of viability of species ▪ Assessment of current and potential biological performance

The strategy for Component 2 will be similar to that used for the subbasin summary, except that the team will fully utilize the information already compiled for the summary and incorporate data and analysis provided by the Council, including out-of-basin effects.

Component 3. Inventory: Survey of Existing Programs and Activities

Task: **INVENTORY** of existing projects and past accomplishments.

Sub-tasks:

a) Summary of existing projects and programs

- SRFB existing and past projects on Alpowa, Deadman, Meadow, & Almota Creeks
- Existing and past projects on Alpowa, Deadman, Meadow, & Almota Creeks (WCC funding)
- WDFW existing and projects on Alpowa, Deadman, Meadow, & Almota Creeks
- US Forest Service existing and past projects on Alpowa Creek
- USDA existing and past projects on Alpowa, Deadman, Meadow, & Almota Creeks
- WDFW Compilation and summary of fish and wildlife protection, restoration and artificial propagation activities and programs within the subbasin that occurred over the last 5 years or are about to be implemented. This includes written (not ready for publication) summaries, meetings with writer/facilitator to update Subbasin Summary and technical review of specific section.

Component 4. Management Plan: Development of goals, objectives and strategies by the planning team

The outcome of this component will be the Management Plan, and the strategy will be similar to that of Component 2 except that the focus will be on developing the vision; goals; objectives; strategies; research, monitoring, and evaluation; and Endangered Species Act and Clean Water Act requirements. The Team will work closely with the Working Group and Technical Team and will ensure there is a good flow of information among all groups. Once the Technical Team's work has been completed, the Planning Team will hold three meetings to develop the management plan utilizing the assessment and the products of the Working Group. Team members will have a period of time to review the objectives and strategies and will then reconvene to finalize their work. The facilitator will manage these meetings and ensure that public input is incorporated. The writer/editor will prepare the results.

Task: **MANAGEMENT PLAN** addressing policy, legal & ecological considerations. (10-15 years)

Sub-tasks:

a) Subbasin vision
b) Subbasin biological objectives
c) Subbasin cultural and socio-economic objectives
d) Subbasin strategies and priorities
e) Research, Monitoring, and Evaluation plan
f) Endangered Species and Clean Water Act considerations
g) Integration with other planning processes (e.g. in Washington, HB 2514 and HB 2496, TRT and WDFW recovery planning)

Component 5. Writing/Editing: Compilation of information and writing and editing of the plan

Once the assessment is completed and the vision, goals, objectives, and strategies are decided, the writer/editor will prepare a Preliminary Review Draft of the Subbasin Plan for

review by Planning and Technical Team members. After their comments have been received, a Public Review Draft will be prepared. A public comment period will be announced, and meetings will be held. At the end of that period, the final Subbasin Plan will be prepared and submitted to Council and ISRP for their review.

Critical Path and Tasks: Specific planning tasks are described in detail below.

1. Lead Entities Initiate Process

Lead Entities meet with the facilitator and writer/editor to review and comment on the work plan, identify Planning and Technical Team members, and develop a proposed meeting schedule.

2. Convene Planning and Technical Teams

The two teams meet together with the facilitator and writer/editor to review and finalize work plan, schedule, and web site and to discuss roles, responsibilities, and expectations.

3. Public Involvement Process Begins

- Planning Team meets w/ facilitator to identify stakeholders and involve each and hold meetings.

4. Posting of Plan on Web Site

Lead Entities will use the Council's website to post documents and updates.

5. Technical Team Begins Work

Technical Team meets to review Council expectations for the Subbasin Assessment, to discuss the data set provided by the Council, identify data gaps, and agree to an action plan for filling the gaps and completing the subbasin assessment.

6. First Stage of Public Involvement Process Ends

Lead Entities submit a summary report.

7. Technical Team Submits Draft Assessment -

Technical Team and writer/editor complete a preliminary draft of the Subbasin Assessment and submit it to the Planning Team.

✓DELIVERABLE for component #2

8. Technical and Planning Teams Conduct Inventory

Writer/editor works closely with technical and planning teams and other groups and individuals in the subbasin to complete the inventory of existing programs and activities.

✓DELIVERABLE for component #3

9. Planning Team Begins Work on Management Plan

Planning Team meets to review the Subbasin Assessment and develop a vision statement, goals, objectives, and strategies. Once these are completed, they meet to develop a monitoring plan and research agenda and discuss compliance of the plan with the Endangered Species Act and Clean Water Act. Meets as needed to complete the management plan within the time allotted.

10. Planning Team Submits Draft Management Plan

Planning Team and writer/editor complete a preliminary draft of the Management Plan and submit it to the Technical Team members for review.

11. Preliminary Review Draft of Subbasin Plan Completed

Writer/editor completes preliminary review draft of Subbasin Plan and submits it to the Planning and Technical Team for comments. Teams provide comments within the time allotted.

✓DELIVERABLE for component # 4

12. Public Review Draft Available to Public, Comment Period Announced

Electronic version of public review draft of the plan is available for downloading at web site and hard copies made available to interested parties. Public comment period announced.

✓DELIVERABLE for component # 1

13. Comments Received and Public Meeting Summary Submitted

Writer/editor receives, organizes, and summarizes written comments submitted via the web site, e-mail, or mail. Facilitator submits summary report from public meeting.

14. Hard Copy of Subbasin Plan finalized and submitted to Council

Writer/editor and Planning Team review comments finalize the plan and submit to Council.

✓DELIVERABLE - Final subbasin plan submitted to Council

15. Electronic Version of Plan Prepared and Phase Two Web Site Posted

Writer/editor prepares an electronic version of the plan and develops and submits phase two of the web site to Planning Team for review and approval. Once approved, site is posted on the web.

Budget

LOWER SNAKE SUBBASIN BUDGET November 2002	FTE	HOURLY RATE	EST. # HOURS	TOTAL
1. PERSONAL SERVICES				
Assessment				
Project Coord. with Whitman and Palouse		$40.00	20	$800.00
Outreach – I&E		$40.00	30	$1,200.00
Data Repository		$100.00	80	$8,000.00
Consultants: (Writer/Editor)		$65.00	200	$13,000.00
Subtotal				**$23,000.00**
Inventory				
Proj. Coord. with Whitman and Palouse		$40.00	20	$800.00
Outreach – I&E		$40.00	30	$1,200.00
GIS Mapping		$40.00	25	$1,000.00
Administrative Assistant (PCD)		$40.00	70	$2,800.00
Data Repository		$100.00	30	$3,000.00
Consultants: (Writer/Editor)		$65.00	120	$7,800.00
Subtotal				**$16,600.00**
Management Plan				
Proj. Coord. with Whitman and Palouse		$40.00	20	$800.00
Outreach – I&E		$40.00	30	$1,200.00
GIS Mapping		$40.00	25	$1,000.00
Data Repository		$100.00	20	$2,000.00
Consultants: (Writer/Editor)		$65.00	140	$9,100.00
Subtotal				**$14,100.00**
2. Printing of Subbasin Plan				
Printing and Copying of Final Plan				
CDs of Final Plan (300) @ 2.50 ea.				$750.00
B&W Copies (50x125 @ .10/page)				$625.00
Color Copies (50 x 55 @ .80/page)				$2,200.00
Subtotal				**$3,575.00**
SUBTOTAL				$57,275.00
Coordination of subbasin planning by Pomeroy CD		$40	272.5	$10,896.85
INDIRECT COSTS - 7.57%				$5,162.15
TOTAL				$73,334.00

NOTE 1 --- For professional services indicate how the individual/organization was selected and what qualifications or criteria were utilized in the selection process. **Professional Services such as the writers and data repository will be selected by a Request for Proposals or single source provider (they will be "Deliverable Based Contracts").**
NOTE 2 --- For Indirect Costs, the Washington State Conservation Commission allows up to 15%. **We have identified a need for a 7.57% Indirect Cost to complete subbasin planning.**
NOTE 3 – Travel is not included since the PCD will be utilizing funding from another grant for this budget item.