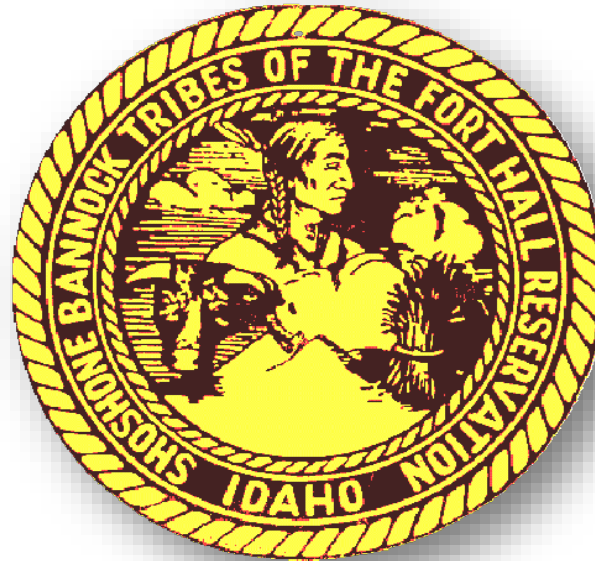


Shoshone-Bannock Tribes 2032 Vision

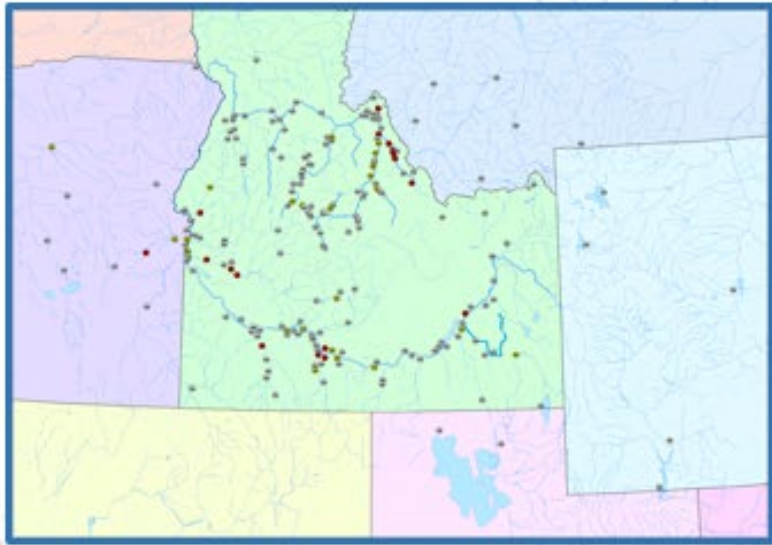


Lytle Denny

2022 Lower Snake River Compensation Plan

Spring/Summer Chinook Symposium

December 15, 2022



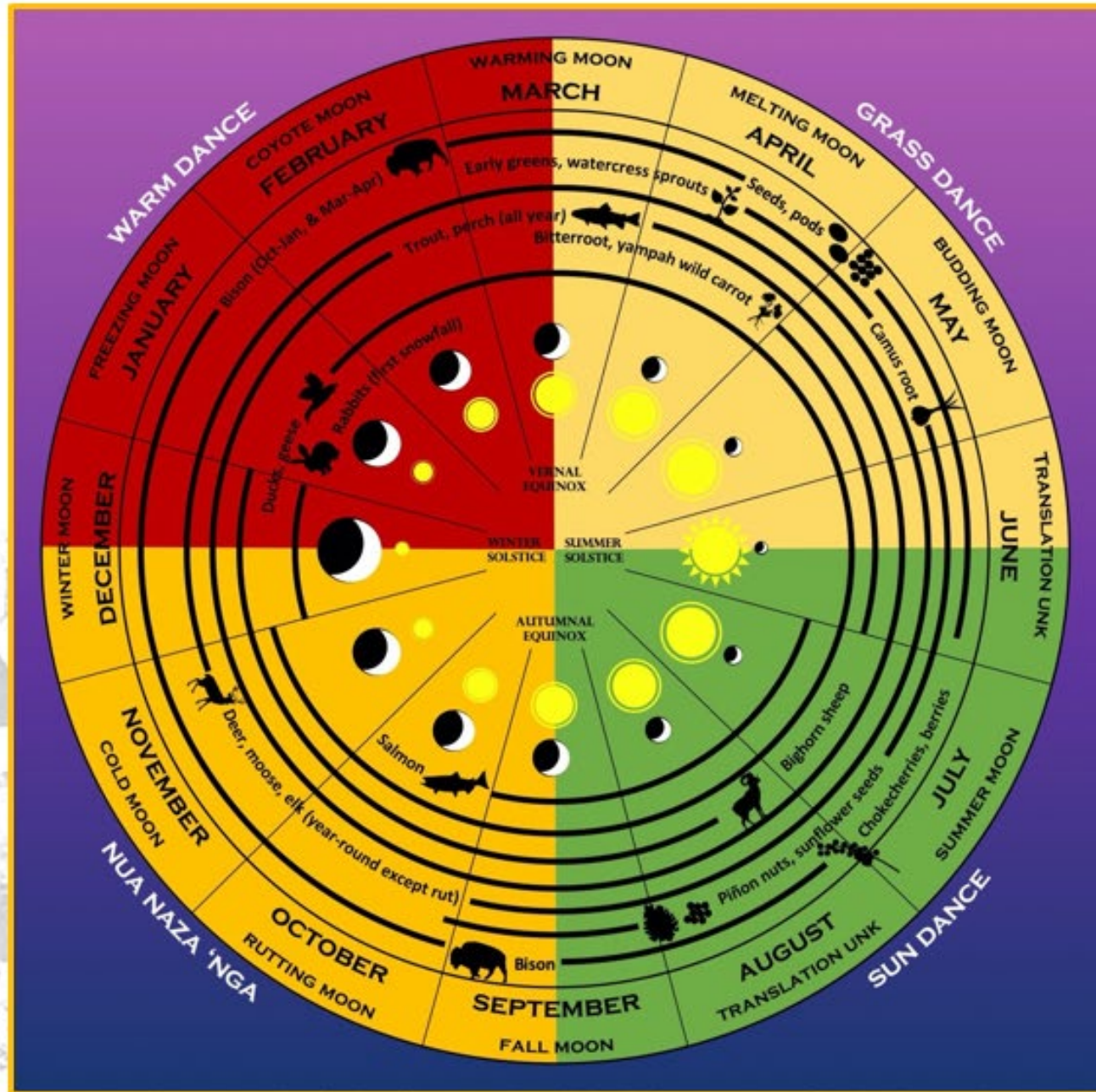
SHOSHONE-BANNOCK METHODOLOGY

Axiology

- Respect
- Reciprocity
- Relationality
- Responsibility/Accountability

Epistemology

- Lands
- Waterways
- Plants
- Animals



Snake River Policy

- *“The Tribes will pursue, promote, and where necessary, initiate efforts to restore the Snake River systems and affected unoccupied lands to a natural condition. This includes the restoration of component resources to conditions which most closely represents the ecological features associated with a natural riverine ecosystem. In addition, the Tribes will work to ensure the protection, preservation, and where appropriate-the enhancement of Rights reserved by the Tribes under the Fort Bridger Treaty of 1868 and any inherent aboriginal rights.”*

Goal 1. Restoration of Natural Systems

We envision a healthy ecosystem that includes productive, functional watersheds and fish habitat, and diverse, self-sustaining fish and wildlife populations. Populations of Chinook salmon and Steelhead are both very high priority species to us. Our Tribal vision includes, but extends well beyond conservation and recovery, to delisting of ESA-listed Snake River Spring/Summer Chinook salmon and Steelhead. It is also not simply a matter of returning large numbers of hatchery-reared fish to support Tribal fisheries. While artificial measures might be appropriate to provide fishing opportunity in the interim until critical habitat and passage limitations are effectively remediated, it is of at least equal importance to the Tribes to have healthy anadromous fish populations spawning in quality habitat.

Goal 2. Subsistence Fishery Opportunities

We seek to provide traditional foods for our peoples and to restore significant fishing opportunities. Historically, the Shoshone and Bannock peoples harvested resident and anadromous fishes throughout the Columbia River Basin for subsistence. Annual salmon and steelhead runs in what are now Oregon, Washington, Idaho and Nevada provided harvest opportunities throughout the year. Customary tribal fishing methods include the culturally important technique where fishermen hunt salmon in the stream using spears. Maintaining this type of fishery is a high priority to us.

Goal 3. Connection with and Protection of Cultural and Social Values and Rights

- Salmon and steelhead are integral to our culture and society. Tribal leadership and involvement in protection, restoration and management of our natural resources fosters a strong connection to cultural heritage, encourages a sense of pride and stewardship, and enables us to be effective co-managers of the resource. An essential goal of our natural resources program is to foster connection of current and future generations with natural resource values and rights and to continue to foster development of natural resources management expertise within the Tribes.

VISION / GOALS

**Restoration of Natural Systems
Traditional Fishery Opportunities
Cultural & Social Connections**

Fish Conservation & Restoration

Fish Habitat Restoration

Fishery Management

Fishery Mitigation

Education & Outreach

Monitoring, Research & Evaluation

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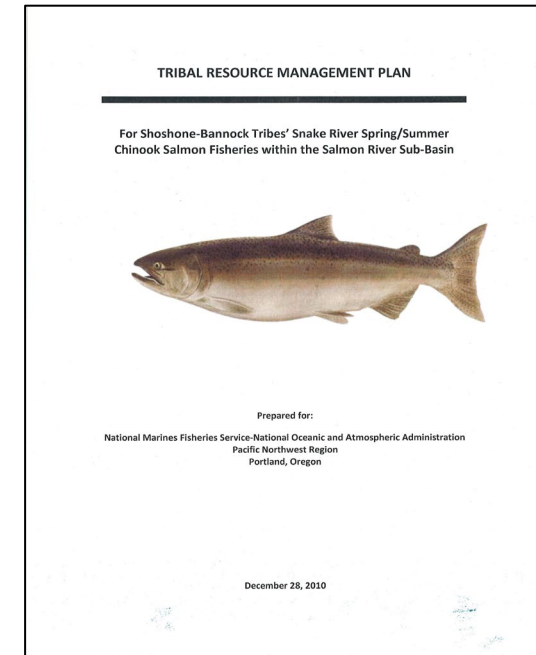
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**Draft
4/12/2013**

**Salmon River Basin
Chinook Salmon & Steelhead
Monitoring, Research & Evaluation Plan**

Shoshone Bannock Tribes
Fish and Wildlife Department
Fort Hall, Idaho



What do you want the LSRCP program to achieve in the next 10 years?

- Consistently meet the adult return goal
- Expand harvest opportunities in the Salmon River basin
- Support expansion of SBTs role within LSRCP
 - Training in aquaculture and eventually operate a hatchery facility
 - More responsibility to RM&E the LSRCP fish production
- Incorporate Traditional Ecological Knowledge into the Program
- Work to better understand the power dynamics that are at play within the program and work to provide equity and inclusion
- Develop new and improved Agreement w/ BPA that provides the necessary funding and flexibility to meet our adult return goal

What infrastructure needs do you foresee?

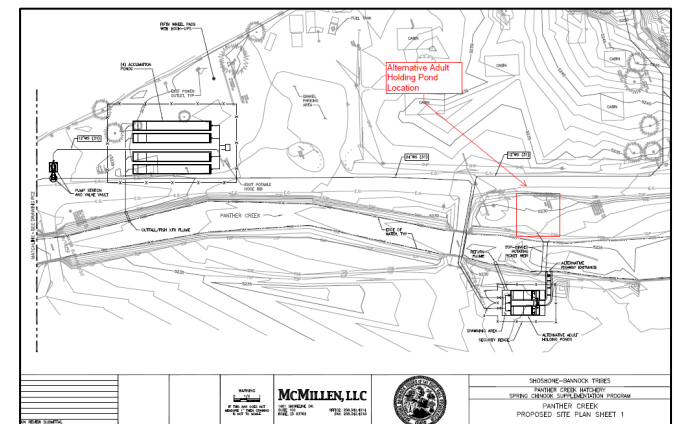
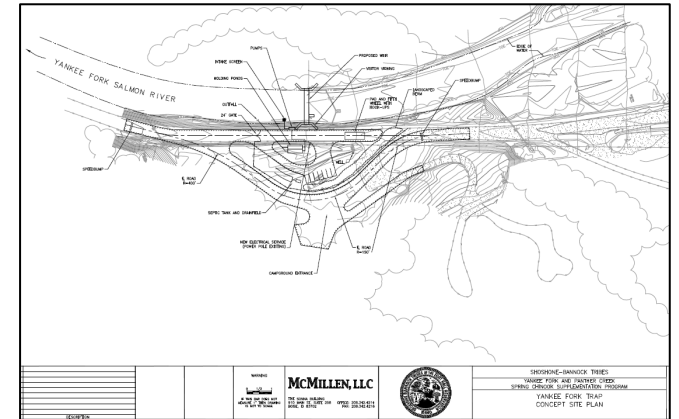
- Continue to seek funding for deferred maintenance list
- Develop future capital needs and communicate this effectively
 - Funding for a permanent satellite facility in Yankee Fork Salmon River
 - Funding for a permanent satellite facility in Panther Creek
 - Expansion of the existing satellite facility at East Fork Salmon River
- Determine if changes can be made to increase production at existing facilities (i.e., Sawtooth and McCall)
- Fish Transportation is limiting and maybe negatively affecting survival
- Fish Marking is limiting, but also limits to our rearing regimes, which may have consequences for survival and early maturation

What management considerations are important to you?

- The adult goal is not purely hatchery fish
 - The Tribes fishery directly targets natural fish and this is often limiting
- We need to take advantage of boom years (i.e. PDO, La Nina) by identifying supplemental artificial propagation strategies (i.e., egg and adult outplants)
- Use marine-derived nutrients from salmon carcasses
- Continue to work in alignment with ESA

What opportunities do you see within the program?

- Expand and enhance existing programs, especially in the Salmon River basin
 - Yankee Fork Salmon River
 - Already permitted to add 600,000 smolts
 - Work is already underway to develop a locally-adapted broodstock
 - Appropriate facilities have already been designed
 - Panther Creek
 - Already permitted to add 400,000 smolts
 - Work is already underway to develop a locally-adapted broodstock
 - Appropriate facilities have already been designed
 - East Fork Salmon River
 - Has existing satellite facility that is not being used
 - upper Salmon River

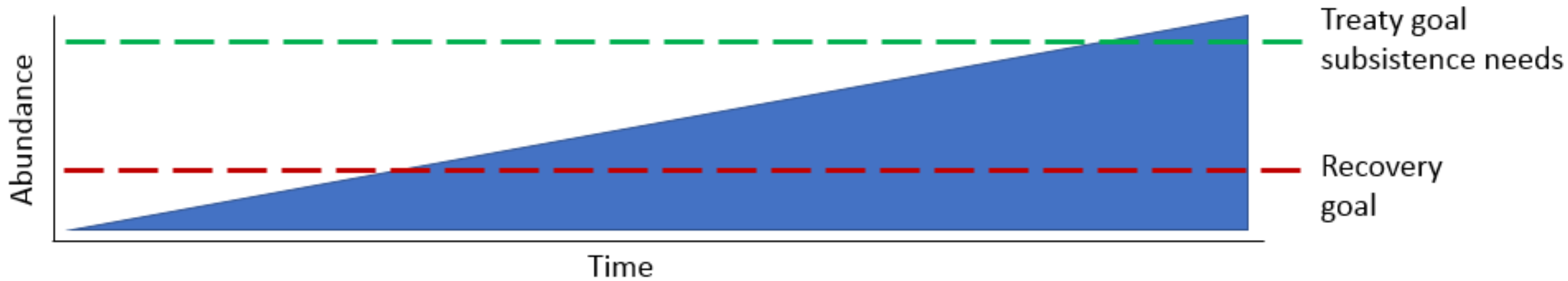


What research needs does the LSRCP need to address?

- Provide funding for harvest monitoring and evaluation
- Further investigate Release Sites and Timing
- Further investigate Size-at-Release and Density Index
- Better understand Post-release Performance
 - Survival to Lower Granite Dam
 - SAR
- Develop a research committee
 - To work on top questions, concerns, assumptions, uncertainties, etc.
 - To collaborate with academia and support funding for graduate-level research

How can the LSRCP help you achieve your fishery objectives?

- Continue to be optimistic and supportive
- Provide adequate funding to Cooperators to support reaching the LSRCP Adult Goal, and our individual goals and objectives
- Support supplementation programs to ensure Tribal partners are not limited by the abundance of natural-origin fish



Heavy handed
 Hatcheries
 Weirs
 Broodstock
 Collection
 Screw Traps
 Fish Trucks
 Marking/Tagging



Less handed
 Weir
 SGS
 Creel



No hands
 SGS
 Creel