Update
Tribal Governments in Idaho Fish Consumption Surveys
Update: ID Tribal Fish Consumption Surveys

- Review General Background of Work Effort
- Tribal Fish Consumption Survey Work Efforts
- Tribal Heritage Rate Study Work Efforts
- Next Steps
TRIBES IN IDAHO

• Kootenai Tribe of Idaho
• Coeur D’Alene Tribe
• Nez Perce Tribe
• Shoshone-Bannock Tribes (Fort Hall)
• Shoshone-Paiute Tribes (Duck Valley)
Tribal Governments in ID have been working w/ EPA to plan a 2015 survey on types and amounts of fish consumed by tribal people.

Support provided through EPA Indian General Assistance Program funds, administered through an EPA contract.

Outcome - build tribal environmental capacity and inform future tribal/EPA WQS decisions.

Ongoing EPA commitment to share information on Tribal work @ ID DEQ Negotiated Rulemaking Meetings.
Purpose of Surveys

Purpose of the Tribal Surveys

- Tribal environmental capacity building
- Determine current & heritage fish consumption rates
- Understand causes of & reasons for suppression & hopes for the future
- Potential use in development of Tribal water quality standards
- Potential use by Idaho DEQ

Differences in Surveys

- Kootenai, Coeur d’Alene and Shoshone Paiute have elected to not participate in a quantitative survey
Tribal Survey Design

Current Rate/Quantitative Study

- Approximately 1 hour in person interviews with Tribal members which include the use of 3-D portion models
- For NCI Method - Follow up 20 minute phone call, the interview repeats a subset of questions on the 24-hour dietary recall

Heritage Rate Study

- Evaluate historical and recent literature
- Develop range of rates for each Tribe
Tribal Survey Implementation

- Board Approvals on Methodology
- Tribal Interviewers
  - Nez Perce and Shoshone-Bannock Tribal interviewers
  - All Tribal members
- Training/Mentoring
- Mock interviews
- Pilot Test – April/May
- Live interviews began in May 2014
- Target sample is 800 for both Shoshone Bannock and Nez Perce Tribe for FFQ Methodology
- Interviews ongoing
- Quality Control ongoing
- Portion Size Models and Supplemental Photos Used
• Heritage rate studies will be completed for all 5 ID Tribes
• Survey implementation team has compiled a list of historical and recent literature to inform the heritage rate studies.
• Draft heritage studies have been provided to tribes.
• Tribal Govts will be conducting appropriate review of draft studies.
• Final studies will provide a range of rates specific to each Tribe – expected March 2015.
Heritage Studies

- Summary of Historical Fish Harvest and Consumption
- Summary of Causes of Decline in Fish Populations
- Discussion of Heritage Fish Consumption
- Columbia Basin-Wide Heritage Rates
- Proposed Tribal Heritage Rates
- References
Tribal Schedule (12-month data collection)

4/30/15 – Preliminary FCR to ID (based on FFQ, not peer reviewed)
7/15/15 – Draft FCR to ID (based on all data, not peer reviewed)
9/30/15 – Final Tribal FCR Report to ID (peer reviewed)

Idaho DEQ Schedule

May 2015 – ID peer review begins
8/4/15 – ID Bulletin publication of proposed rule
10/4/15 – Close of ID public comment period (based on 60 day period; the comment period will be at least 30 days so the period may end before 10/4/15)
Timeline for Idaho Tribal Fish Consumption Work Effort

**Tribes**
- Tribal Survey Design Consultant Hired
- Tribal Survey Design
- Tribal Survey Implementation Consultant Hired
- Tribal Survey Data Analysis
- July 15: Draft report available
- Sept 30: Final Tribal FCR Report

**Idaho**
- Idaho Survey Design Consultant Hired
- Idaho Survey Design
- Idaho Survey Data Analysis
- Peer review of Tribal report
- Peer review & public meetings
- Proposed Rule
- March 2016: Legislative Presentation

**EPA**
- Technical Assistance to Tribes and IDEQ on Survey Issues
- EPA Consultation with Tribes on ID WQS proposal
- EPA Decision on Idaho Water Quality Standards

Policy Issues:
- Fish consumed vs. non-consumed
- Whole population or targeted sub-population
- Market fish/Anadromous Fish/Resident Fish
- Selection of level of protection
- Distribution or point estimates for FCR calculation
- Consumption Suppression

**Monthly coordination mtgs**
- Monthly coordination meeting of EPA, Idaho tribes, and ID DEQ on survey implementation and comparability of survey data
- Monthly coordination mtgs between EPA and IDEQ
- Routine coordination between IDEQ and Tribes

**Dates**
- 2013
- April 2014
- July 2014
- Oct 2014
- 2015
- April 2015
- July 2015
- Oct 2015
- 2016
- May 2016

**Overview**
Individual tribes develop water quality standards or make other decisions following on survey results, as desired.
Next Steps

- Continue collaboration with Tribal Govts/Consortia /ID DEQ/EPA to coordinate work efforts

- Continue in-person fish consumption survey interviews with Nez Perce and Shoshone-Bannock tribal members

- Work with Tribal Governments on finalizing Heritage Studies