

# Update

## Tribal Governments in Idaho Fish Consumption Surveys

1

### IDAHO NEGOTIATED RULEMAKING MEETING

DECEMBER 3, 2014

LON KISSINGER, EPA-R10  
[KISSINGER.LON@EPA.GOV](mailto:KISSINGER.LON@EPA.GOV)  
(206)553-2115



12/3/2014

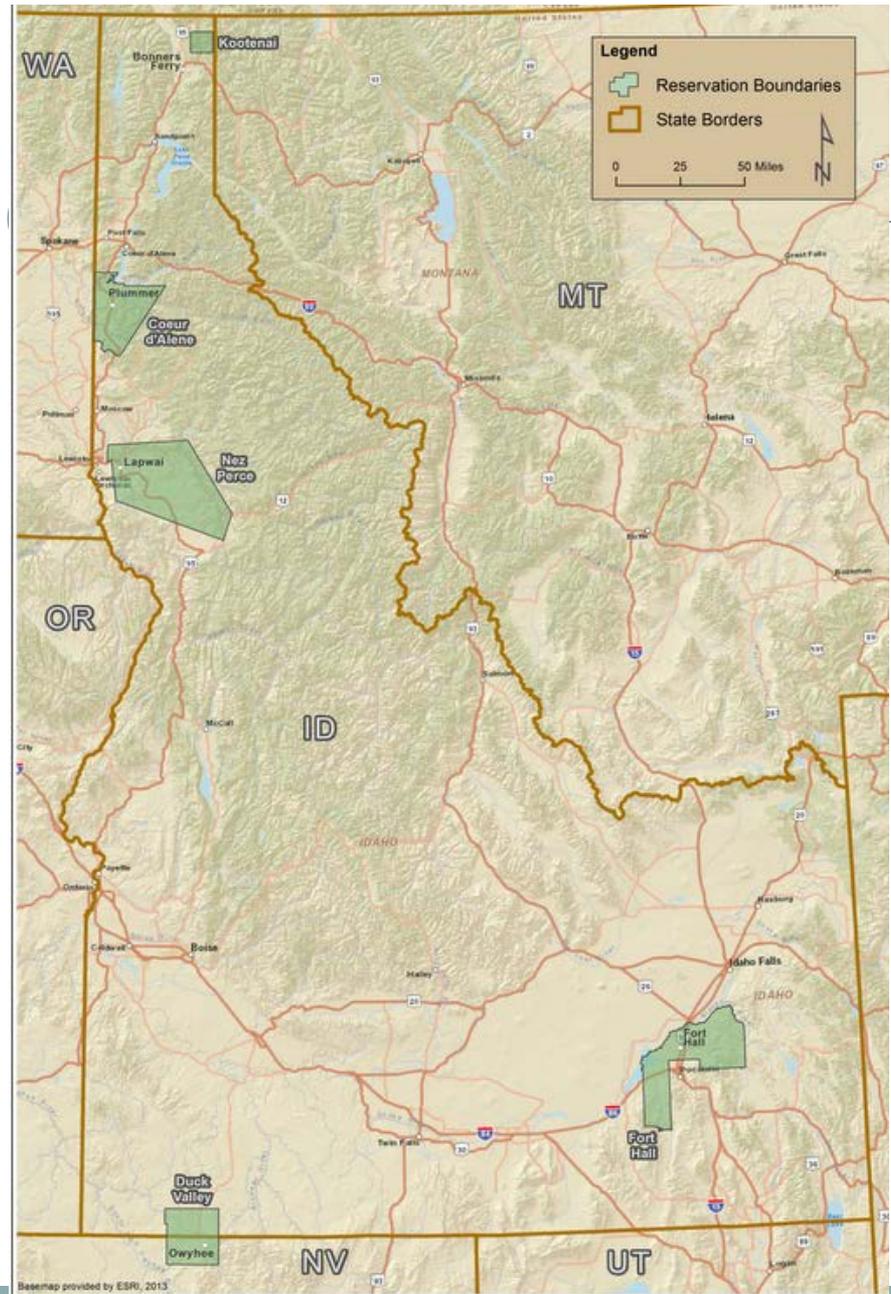
# Update: ID Tribal Fish Consumption Surveys

2

- **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)



# Understanding Tribal Fish Consumption

## General Background

4

- 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

5

## **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

6

## 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

7

- 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 800 for both Shoshone Bannock and Nez Perce Tribe for FFQ Methodology
- Interviews ongoing
- Quality Control ongoing
- Portion Size Models and Supplemental Photos Used

# Tribal Quantitative Surveys

8

- **Nez Perce Tribe**
  - EPA and Nez Perce Tribe working to increase 1<sup>st</sup> and 2<sup>nd</sup> 24 hour recall interviews to realize NCI method
  - Tribal events
  - EPA and CRITFC assisting in interviews in December and January
- **Shoshone Bannock Tribe**
  - Tribal interviewers are working hard to increase 1<sup>st</sup> and 2<sup>nd</sup> 24 hour recall interviews to realize NCI method

# Tribal Heritage Rate Studies

9

- 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

10

- **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**

# Schedule

11

## 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)

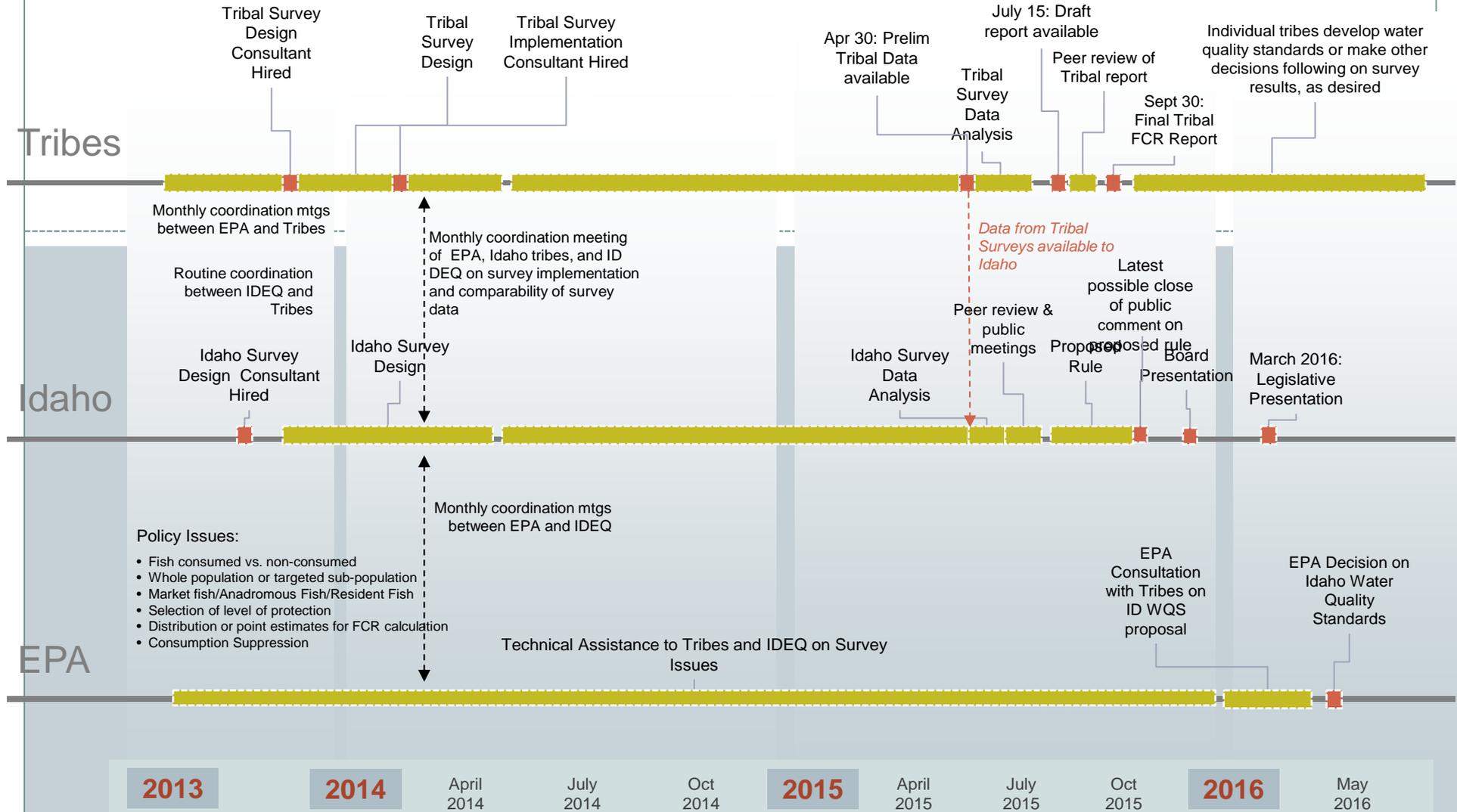
## *Idaho DEQ Schedule*

*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



# Next Steps

13

- **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**