

# Human Health Criteria - Fish Consumption Rates

Policy Discussion # 6 -  
Suppression of Fish Consumption

# Today's Meeting

- Purpose - Discuss suppression of fish consumption
- Agenda -
  - Update on Idaho's survey
  - Update on Tribal surveys
  - Summary of comments on anadromous fish
  - Presentation on suppression of consumption
  - Discussion

# Idaho Survey Update

Don A. Essig, DEQ

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# Idaho's FCR Survey Update

- 1,695 completed surveys as of end of August
- 16 "twice-consumers", on track for 85

<b>Fish Eaten</b>	<b>April-July</b>	<b>August</b>	<b>Total</b>
Past 12 months	86%	88%	86%
Past 30 days	70%	71%	70%
Past 7 days	45%	42%	45%
Yesterday	13%	11%	12%

# Idaho's FCR Survey Update

- **Demographic Quotas**

- Within 1% of equal # of males & females
- Geographic quota's on track
- Income also on track
- Angler population - heading in the right direction
- Low on Hispanics
- Age quotas proving to be difficult
  - High in 55+ age group, especially males
  - Low in 18-34+ age group, especially males

# Adjustments to Idaho's Survey

- Using general population survey to get anglers
- Meeting age quotas is having an adverse effect on budget
- Shifting to greater use of cell phone than landline in order to help meet age quotas
- May still need to relax age quotas

# Tribal Survey Update

Mary Lou Soscia, EPA

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# Summary of Comments

Don A. Essig, DEQ

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# Comments Received on Anadromous Fish

- 1) Idaho Conservation League (ICL)
- 2) Clearwater Paper
- 3) Simplot
- 4) Idaho Association of Commerce and Industry (IACI)
- 5) Upper Snake River Tribes (USRT)
- 6) Nez Perce Tribe
- 7) Idaho Council on Industry and the Environment (ICIE)
- 8) Columbia River Inter-Tribal Fish Commission (CRITFC)
- 9) Environmental Protection Agency, Region 10 (EPA)

# Question DEQ Was Asking

- How should anadromous fish be handled
  1. Include consumption of anadromous fish in Idaho's regulatory FCR
  2. Include them at a discounted rate
  3. Exclude them from Idaho's regulatory FCR

# A few cited references

- Hope, B.K. 2012. Acquisition of polychlorinated biphenyls (PCBs) by Pacific Chinook salmon: An exploration of various exposure scenarios. *Integrated Environmental Assessment and Management* 8(3):553-562.
- O'Neil, S.M., et. al., 2006, Regional patterns of persistent organic pollutants in five Pacific salmon species (*Onchorhynchus spp*) and their contributions to contaminant levels in northern and southern resident killer whales (*Orcinus orca*), 2006 Southern Resident Killer Whale Symposium, extended abstract.
- O'Neill, S.M., and West, J.E. 2009. Marine distribution, life history traits, and the accumulation of polychlorinated biphenyls in Chinook salmon from Puget Sound, Washington. *Transactions of the American Fisheries Society* 138:616-632.

# Suppression

Chad Colter - Shoshone Bannock  
Tribe

Joe Oatman - Nez Perce Tribe

# Thank You

Comments will be accepted  
through October 30, 2014

Next meeting is December 3<sup>rd</sup>;  
Risk Management ...