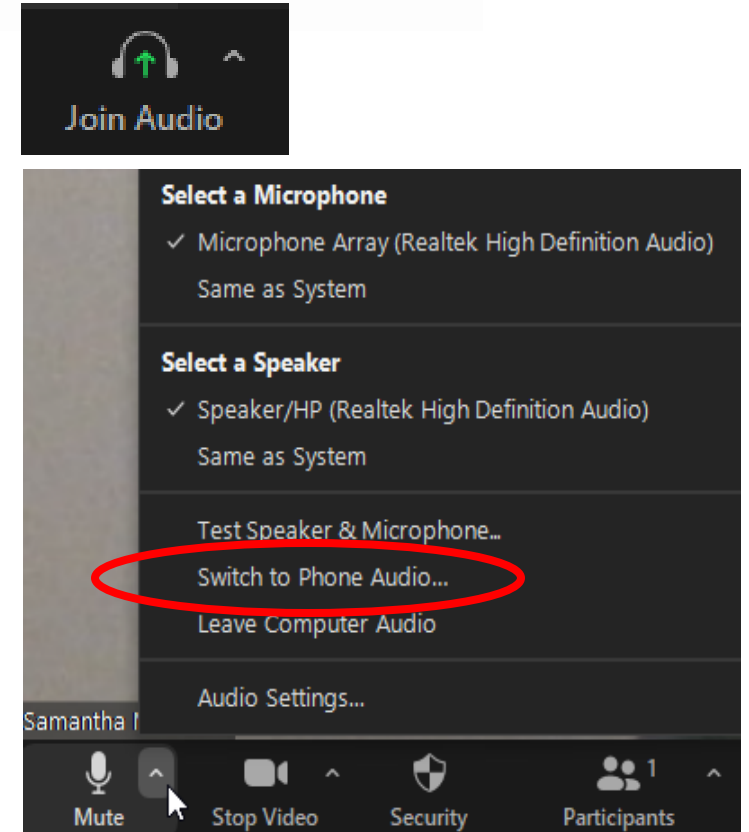


# **Columbia Basin Collaborative Hydropower & Blocked Areas Work Group**

**March 27th, 2023  
9:00am-12:00pm**

# Zoom Webinar Features

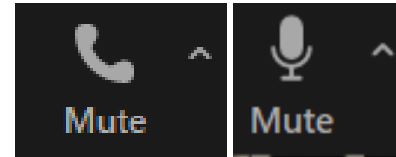
- If you have not **connected your audio**, click on the “Join Audio” at the bottom left of your screen.
- To **switch to phone**, click the arrow next to the microphone icon and select “Switch to Phone Audio”.
- If you have joined by browser, please click “Audio Settings”



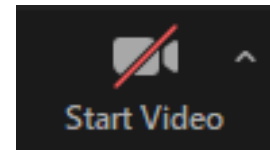
*For technical support, please contact Colin Johnson*

# Zoom Webinar Features – Work Group Members

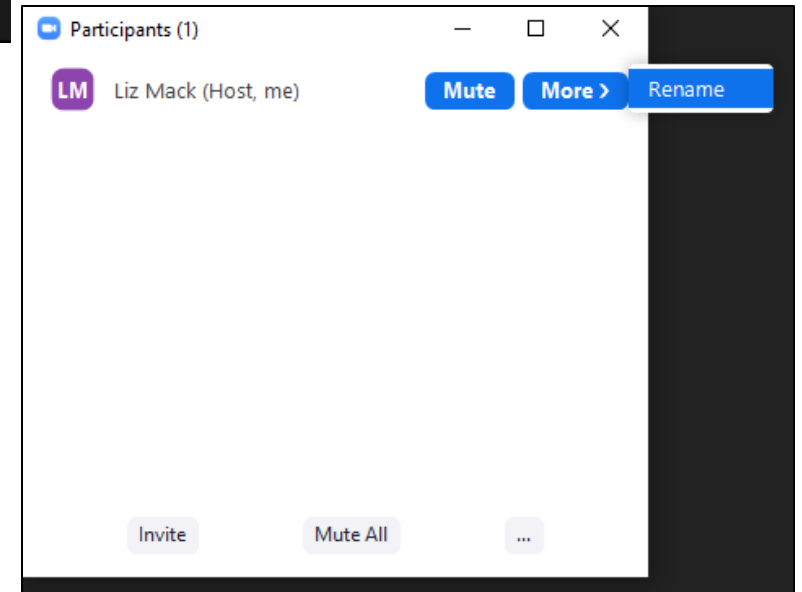
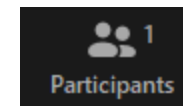
Keep yourself on mute when not speaking.



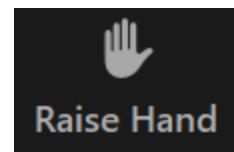
Use video, if possible, to promote face to face communication.



If needed rename yourself in the participant panel.



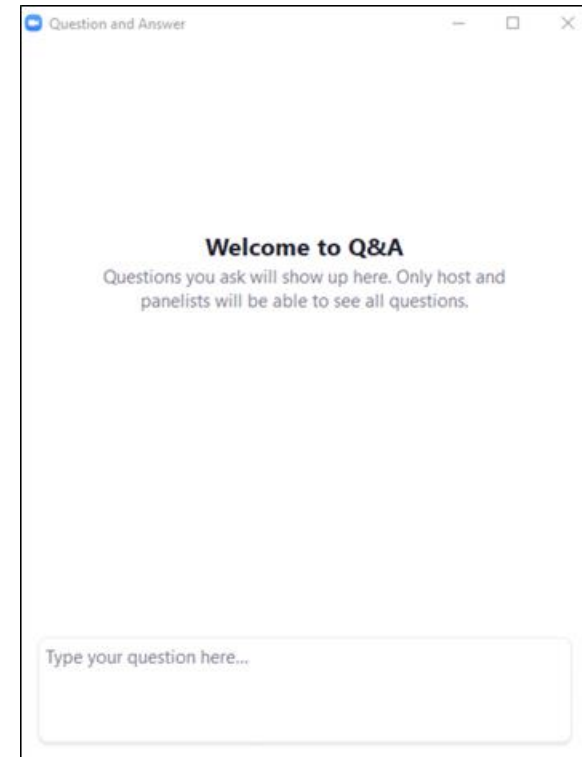
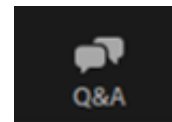
Find your raise hand function at the bottom of your screen



# Zoom Webinar Features – Audience Members

Audience members will remain muted.

If you have technology issues, please use the Q&A feature to reach our team



# **Welcome, Meeting Guidelines, and Proposed Agenda**

# Meeting Guidelines

- Honor the agenda
- Listen to understand and ask questions to clarify
- Balance speaking time
- Don't pile on
- Be hard on the problems, soft on the people
- Seek alignment and common ground wherever possible
- Be present



# Agenda Review

Time (PT)	Topic
9:00 – 9:10 am	Welcome, Agenda Review, and Updates
9:10 – 10:30 am	Blocked Areas – Actions to Address Needs
10:30 – 10:35 am	Break
10:35 – 11:30 am	Hydropower – Actions to Address Needs
11:30 – 11:50 am	Presentation on Steelhead Kelts and Overshoots
11:50 – 12:00 pm	Confirm Next Steps, Upcoming Meeting Topics, and Summary

# **Blocked Areas – Actions to Address Needs**



# Blocked Areas

- Discuss need to develop a regional effort for the blocked areas above the Hell's Canyon Complex
- Legal/Policy differences on blocked areas between states, basins, etc.
- Proposed plan for addressing geographic specific needs

# Blocked Areas Tier 1 Needs

## Columbia Basin Needs:

- *Need for funding for UCUT Phase 2 Implementation Plan.*
- *Need to discuss developing a regional effort for the blocked areas above the Hells Canyon Complex.*
- Need for basin-wide program to increase funding/resources to address blocked areas impacts in the basin
- Need to understand the geographic areas (tributaries) to focus on understanding the feasibility of achieving self-sustaining populations in some blocked areas.
- Need to understand how to provide effective downstream passage for juvenile fish at high-head dams.
- Need to understand for full inventory of blockages.

## Internal Work Group Needs:

- Internal work group need to understand the impacts of the CR Treaty modernization
- Internal work group need to understand the downstream fisheries impacts on upstream/blocked areas
- *Internal work group need to understand the legal/policy differences on blocked areas between states, basins, etc.*

# Blocked Areas Tier 1 Needs Next Steps

## Columbia Basin Needs:

- *Need for funding for UCUT Phase 2 Implementation Plan.*
- *Need to discuss developing a regional effort for the blocked areas above the Hells Canyon Complex.*
- **Need for basin-wide program to increase funding/resources to address blocked areas impacts in the basin**
- Need to understand the geographic areas (tributaries) to focus on understanding the feasibility of achieving self-sustaining populations in some blocked areas.
- Need to understand how to provide effective downstream passage for juvenile fish at high-head dams.
- **Need to understand for full inventory of blockages.**

## Internal Work Group Needs:

- Internal work group need to understand the impacts of the CR Treaty modernization
- Internal work group need to understand the downstream fisheries impacts on upstream/blocked areas
- ***Internal work group need to understand the legal/policy differences on blocked areas between states, basins, etc.***

# Blocked Areas – Work Plan

	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan 2024	Feb
<b>Blocked Area</b>	Trib. the Columbia River	Trib. the Columbia River	Trib. to the Willamette	Trib. to the Willamette	Trib. to the Snake	Trib. to the Snake	Upper Snake	Upper Snake	Upper Columbia	Upper Columbia	Basin-wide

- What are the blockages in this area (including non-hydro dams/ dams with less than 5MW)?
- Which entities and organizations are involved in managing this area?
- What policies govern this blockage/area?
- What are the social dynamics around this blockage?
- What actions could be taken to improve passage at this blockage (capturing associated costs)?

# Blocked Areas - Poll

- Open your browser on phone or computer
- Go to [www.menti.com](http://www.menti.com), and enter the code: 1272 723
- Or hold camera up to the screen and focus on the QR code
- Stay tuned for the first question





# Break



# Hydropower – Actions to Address Needs

# Hydropower

- Build consensus on Reach Survival/SAR data recommendation
- Updates on institutional systems change concept
- Brainstorm actions to address need for urgency to achieve success in meeting fish goals



# Hydropower Tier 1 Needs

## Columbia Basin Needs:

- *Need for federal and non-federal dam operators to shift management objectives to target Columbia Basin Partnership Task Force goals*
- *Need for more accurate data collection and monitoring*
  - *recommendation to modernize and fully fund detection work*
- Need to understand the ways (methods, infrastructure) to improve downstream passage for juveniles and steelhead kelts and overshoots.
- Need for urgency to achieve success in meeting fish goals
- Need for fish & wildlife managers to have more of a say in dam operations affecting fish
- Need to fund infrastructure to maintain or replace services currently provided by LSR dams or others

## Internal Work Group Needs:

- Internal work group need to understand baseline conditions necessary to be able to meet CBPTF abundance goals and NPCC survival goals.
- Internal work group need to understand possible operational changes and impacts to specific projects and across systems.
- What's the current conditions and cost of doing nothing?

# Hydropower – Work Plan

Meeting	Topics
#7 (April)	<ul style="list-style-type: none"><li>• Refine recommendation concepts</li><li>• Brainstorm ideas to address:<ul style="list-style-type: none"><li>• Downstream passage for steelhead kelts and overshoots</li><li>• Need for fish &amp; wildlife managers to have more of a say in dam operations and/or mitigation affecting fish</li><li>• Need to fund infrastructure to maintain or replace services currently provided by LSR dams or others</li></ul></li><li>• Identify information sources and presenters to address internal work group needs to understand current operations and possible changes.</li></ul>
#8 (May)	<ul style="list-style-type: none"><li>• Refine recommendation concepts</li><li>• Hear presentations to address these internal work group needs:<ul style="list-style-type: none"><li>• Understand baseline conditions necessary to be able to meet CBPTF abundance goals and NPCC survival goals.</li><li>• Understand possible operational changes and impacts to specific projects and across systems.</li><li>• What's the current conditions and cost of doing nothing?</li></ul></li><li>• Look at remaining needs and identify which to address next.</li></ul>

# **Presentation on Steelhead Kelts and Overshoots**

# Next Steps

- Blocked Areas: Prepare to discuss the Tributaries to the Columbia River blocked areas – Cowlitz and Lewis
- KW: Share presentations from Mike/Michael to the work group
- Andrew G/Tim/Andrew M/Keely/Ritchie: Refine the Reach Based Survival/SAR data recommendation
- KW: Pass along the institutional systems recommendation concept to the I/RG
- All: Prepare for next meeting at the April 24<sup>th</sup>, 9am-12pm PT
- KW: Develop a meeting summary and circulate to the group



# Thank you ~



Photo credit: Russ Rickets