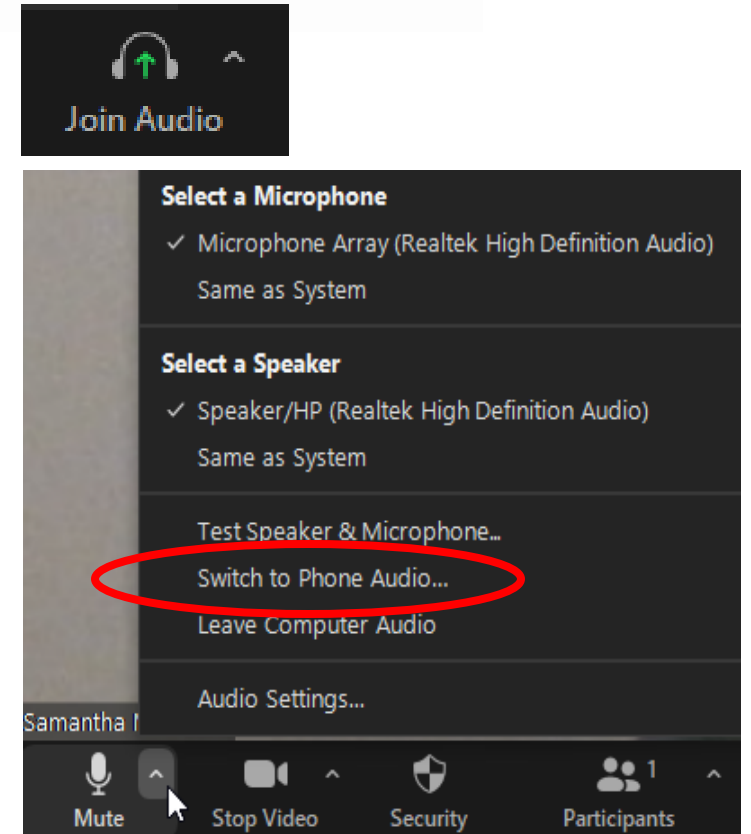


Columbia Basin Collaborative Hydropower & Blocked Areas Work Group

**April 24th, 2023
9:00am-12:00pm PT/10:00am-1:00pm MT**

Zoom Webinar Features

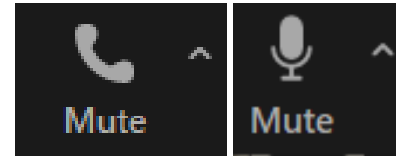
- If you have not **connected your audio**, click on the “Join Audio” at the bottom left of your screen.
- To **switch to phone**, click the arrow next to the microphone icon and select “Switch to Phone Audio”.
- If you have joined by browser, please click “Audio Settings”



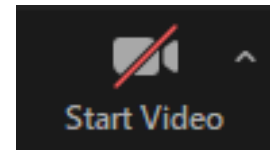
For technical support, please contact Colin Johnson

Zoom Webinar Features – Work Group Members

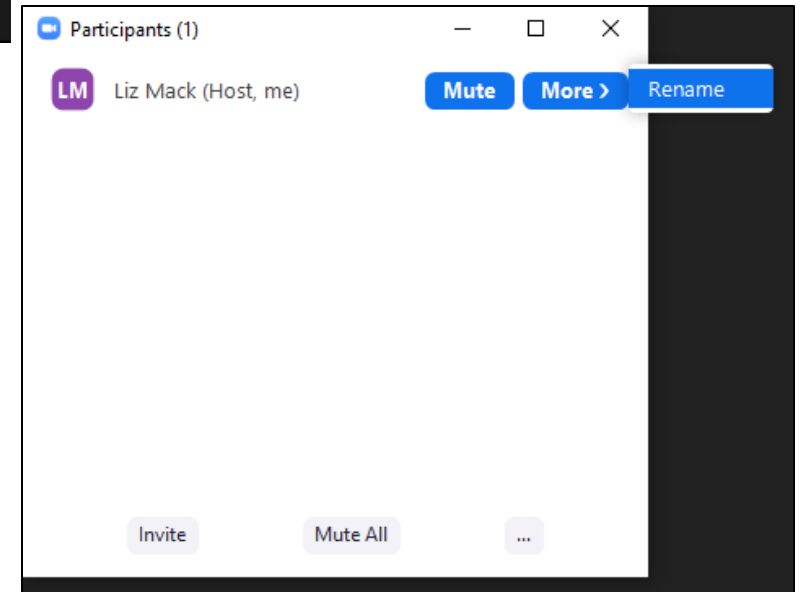
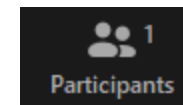
Keep yourself on mute when not speaking.



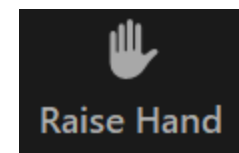
Use video, if possible, to promote face to face communication.



If needed rename yourself in the participant panel.



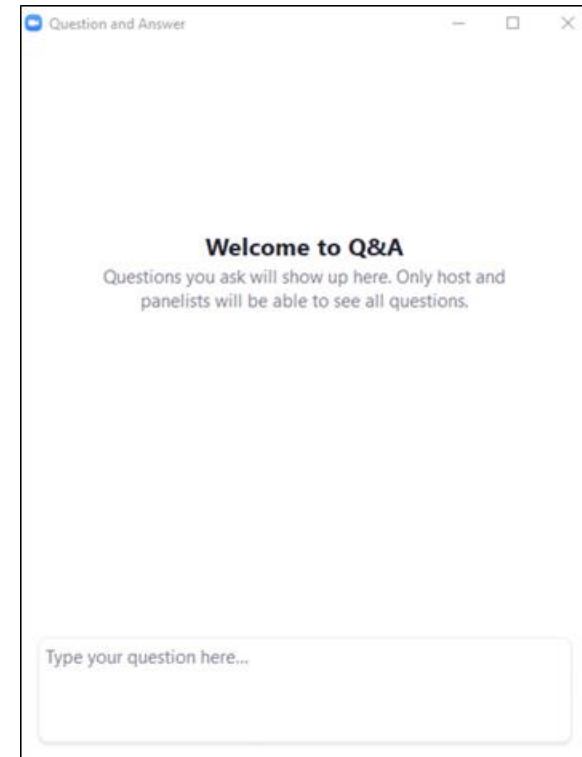
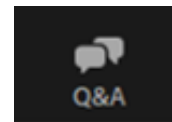
Find your raise hand function at the bottom of your screen



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 – 9:15 am	Welcome, Agenda Review, and Updates <ul style="list-style-type: none">• Updates from the I/RG meeting
9:15 – 9:30 am	Funding for salmon production in the Upper Snake
9:30 – 10:30 am	Blocked Areas – Tributaries to the Columbia River survey
10:30 – 10:35 am	Break
10:35 – 11:50 am	Hydropower - Actions to Address Needs
11:50 – 12:00 pm	Confirm Next Steps, Upcoming Meeting Topics, and Summary

Updates from the I/RC Meeting

4/19 – 4/20 Integration/Recommendations Group Meeting

- Reviewed and provided feedback on one Blocked Areas and one Hydropower recommendation
- Federal partners need to draft language to explain their positions
- Simplifying the P2IP recommendation
- Consensus support on the Natural Origin Run Timing recommendation
- For future recs:
 - How does this recommendation meet the CBP goals?
 - What is the value add of the CBC to support this action?
 - What is preventing this action from happening?

Funding for salmon production in the Upper Snake

Blocked Areas – Tributaries to the Columbia River survey

Blocked Areas – Work Plan

	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan 2024	Feb
Blocked Area	Trib. the CR	Trib. the CR	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)?



Break



Hydropower – Actions to Address Needs

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

Next Steps

- All: Come prepared to discuss Yakima and Deschutes Rivers at the next Blocked Areas meeting
- Sub-group: continue to work to refine language for Reach Survival and SAR data recommendation
- KW: draft a meeting summary and circulate to the group
- KW: Schedule the May work group meeting



Thank you ~



Photo credit: Russ Rickets