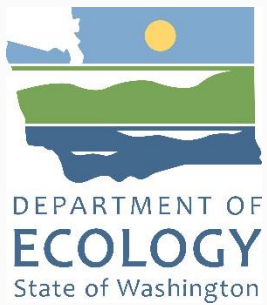




Photography by Adriane Borgias © 2014

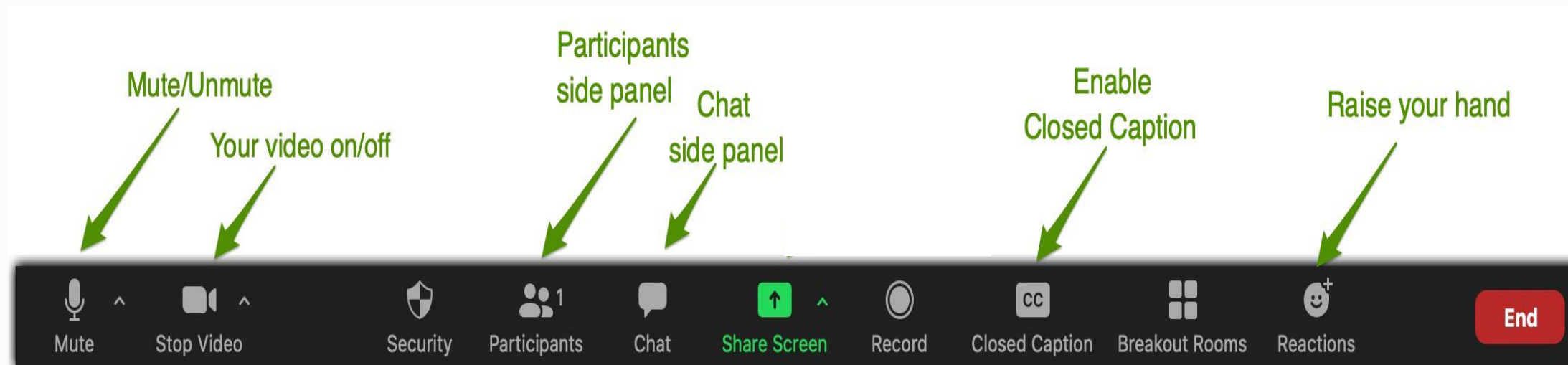


Spokane River Toxics Advisory Committee

Annie Simpson

February 27, 2024

Zoom Navigation and Accessibility

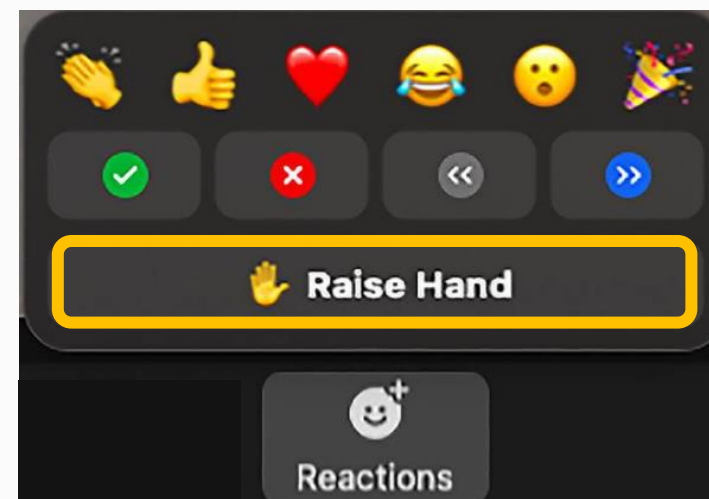


Calling by phone?

***6 - Mute/unmute**

***9 - Raise/lower hand**

Need help? Chat with us!



Meeting Agenda

- 1-1:20pm - Welcome and Introductions
 - Quick update 😊
- 1:20-2:20 pm – Spokane River Toxics Budget
- 2:20-2:30pm – 10 Minute Break
- 2:30–3:15pm – Environmental Justice Strategy
- 3:15–3:30pm - Conclusion

Updates



Decision to Contract for Facilitation.



EZ View Page ready by March meeting.



Individual partner meetings.



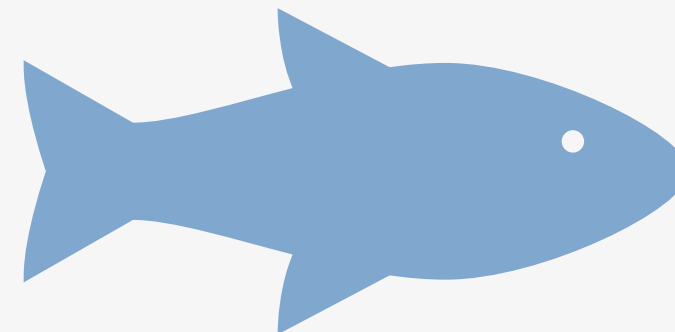
Beginning development of approach to address toxics.

Spokane River Toxics Budget

| | |
|--------------------------------------------------------------------------|--------------------|
| Spokane River Toxics Starting Budget: | \$2 Million |
| Projects to be funded by Spokane River Funds: | |
| Freshwater Fish Contaminant Monitoring (EAP) | \$50,000 |
| Spokane River PCB Evaluation by SPMD (Semipermeable membrane devices) | \$15,000 |
| iPCB Pigment Project | \$150,000 |
| Columbia River Strategic Plan and Facilitation Contracts | \$500,000 |
| Total: | \$715,000 |
| Remaining: | \$1,285,000 |

Freshwater Fish Contaminant Monitoring (Decadal Fish Sampling for EAP)

- Characterizes persistent, bioaccumulative, and toxic chemicals in freshwater fish throughout Washington State.
- Happens every 10 years and used for the Water Quality Assessment, and health advisory for fish consumption.
- Spokane River was sampled in 2003, 2005, and 2012.
- 2023 sampling will compare results to previous studies to determine temporal changes and results should be ready by June 30th, 2024.
- Sampling measures concentrations of PCBs and PBDEs in various fish in the Spokane River.
 - PCBs= Polychlorinated biphenyls, PBDEs= Polybrominated diphenyl ethers.



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Legacy SRRTTF Projects

- Spring High Flow SPMD Sample Analysis for PCBs
 - \$15K in funding
- iPCB Pigment Project
 - \$150K in funding

Project Details



SPMD Samples

- Samples taken in May of 2023
- Will provide a final round of data for trend assessment of PCBs
- Data in July/early Fall for a trend assessment report.



iPCB Pigment Project



Test currently used ink formulations for presence of iPCBs

Identify alternative pigments that should not contain iPCBs

Formulate new ink formulations that use recommended alternative pigments and meet performance and cost targets.

Test the new ink formulations for iPCBs.

Compare the initial and revised formulations for cost, performance and PCB content

Will take about 10 months from start to finish



DEPARTMENT OF
ECOLOGY
State of Washington

Columbia River Basin Restoration Program: Toxics Reduction Lead Grant

Columbia River Toxics Grant Program

01

Task 1: Develop a comprehensive statewide toxics reduction strategy

02

Task 2: Administer a subaward grant program

03

Task 3: Increase capacity to provide technical assistance

04

Task 4: Hire staff for grant administration.

Columbia River Toxics Grant Budget

| EPA Funding Requested | Mandatory Cost Share (25%) | Total Cost |
|-----------------------|----------------------------|-------------|
| \$6,909,000 | \$2,303,000 | \$9,212,000 |

Cost Share



\$1,553,000 from the Model Toxics Control Account (MTCA) (Spokane River Toxics and PCB Implementation)



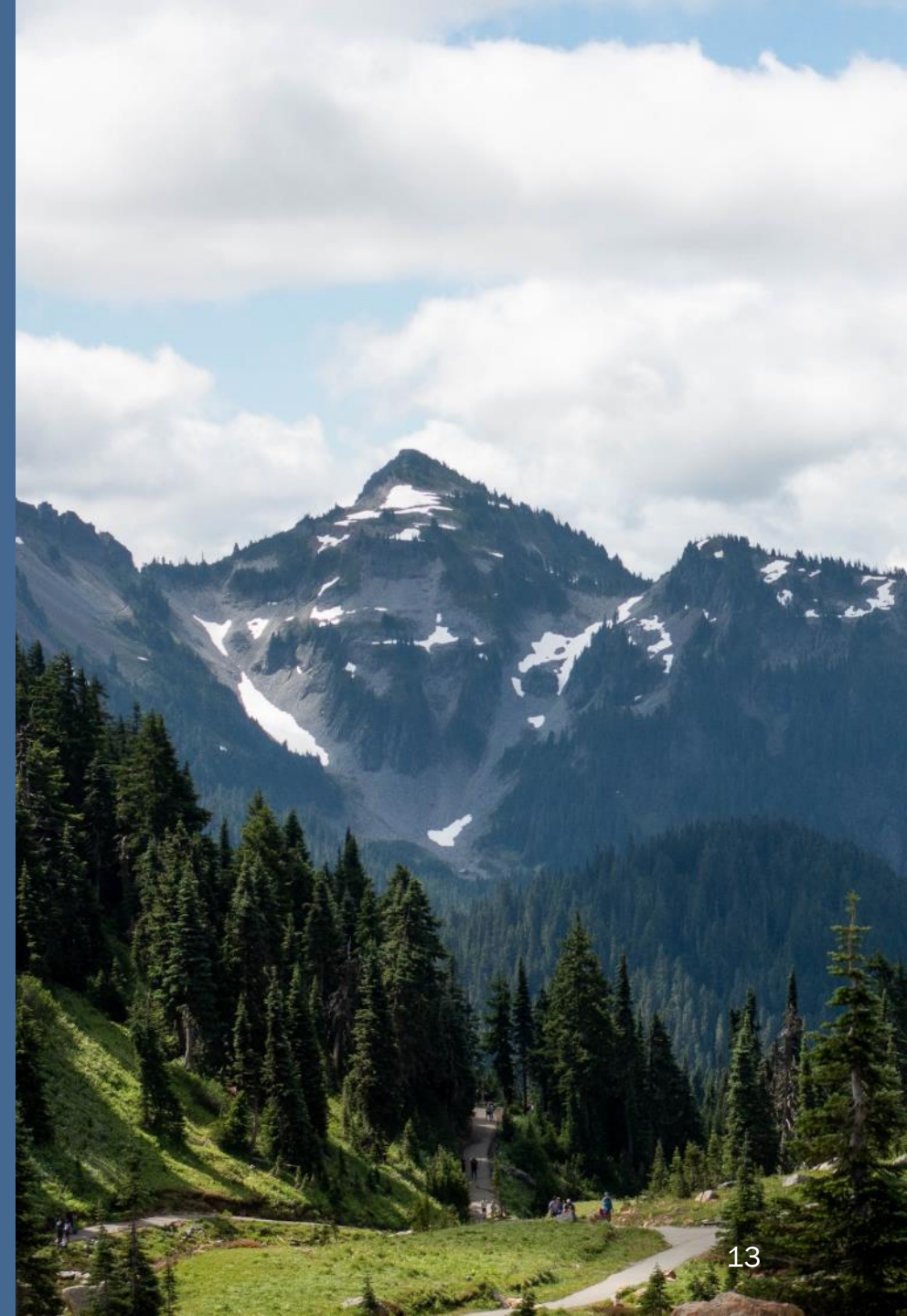
\$750,000 Contributed by sub-awardees and/or other partners.





Break Time!

We will return shortly.



Environmental Justice Engagement Strategy

- Tribal Engagement
- Community Engagement
- Prepare for Engagement
- Reflections and Follow-up





Community Engagement

- Review the key principles of community engagement.
- Determine purpose, goals and objectives of the engagement.
- Identify overburdened communities and vulnerable populations.

Community Engagement Collaboration



What are the key principles?

- Research the community
- Check your assumptions
- Recognize strengths
- Be proactive and transparent



What are our goals and objectives?

- Why are we engaging with this community?
- Timeline for engagement activities?
- Compensation for time and expertise?

Prepare for Engagement



Select methods and tools of engagement.



Notify key internal partners.



Engage with community-based partners



Identify existing partner groups with similar goals and interests.

Long-term Strategy and Follow Up



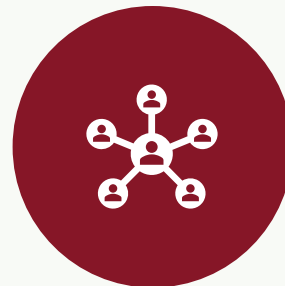
Incorporate community feedback.



Create an evaluation plan



Conduct and evaluation of community engagement and reflect on how to improve.



Maintain community relationships.

Wrap-up:

- Reflections?
- Suggestions for meeting topics?
 - Charter Discussion
 - 6PPD-Quinone?
 - PCB Implementation Plan (After TMDL is completed)
 - Communications and Outreach: EZ View Page review

Meeting Wrap-up




Thank you

Questions?

Annie Simpson

annie.simpson@ecy.wa.gov

(509) 413-7096



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