



COLUMBIA RIVER BASIN
RESTORATION PROGRAM

Columbia River Basin Restoration Program Working Group

Toxics Monitoring Subgroup Meeting 2

April 28, 2022



Welcome

Proposed Toxics Monitoring Subgroup Recommended by CRBRP Working Group

Goal: Advance recommendations from the [2010 Columbia River Toxics Reduction Action Plan](#) and specifically, the [June 2021 Monitoring Webinar](#) proposal to develop a steering committee to guide long-term monitoring.

Meeting Objective: Initiate the development of a strategy for coordination of long-term monitoring of toxics and sharing of resulting data at the Columbia River Basin scale.



Agenda

10:00 **Welcome, Agenda Review, and Introductions** *Mary Lou Soscia (EPA), Jen Bayer (USGS), and Greg Frey (Council Oak)*

10:30 **Presentation: Overview of EPA WQX** *Dwane Young (EPA)*

11:00 **Interactive Discussion** *All*

Topic #1: Continue discussion of the data sharing proposal (i.e., that toxics monitoring data be published to the EPA Exchange Network's WQX data system and that we create a new dashboard to access CRB data from the WQX).

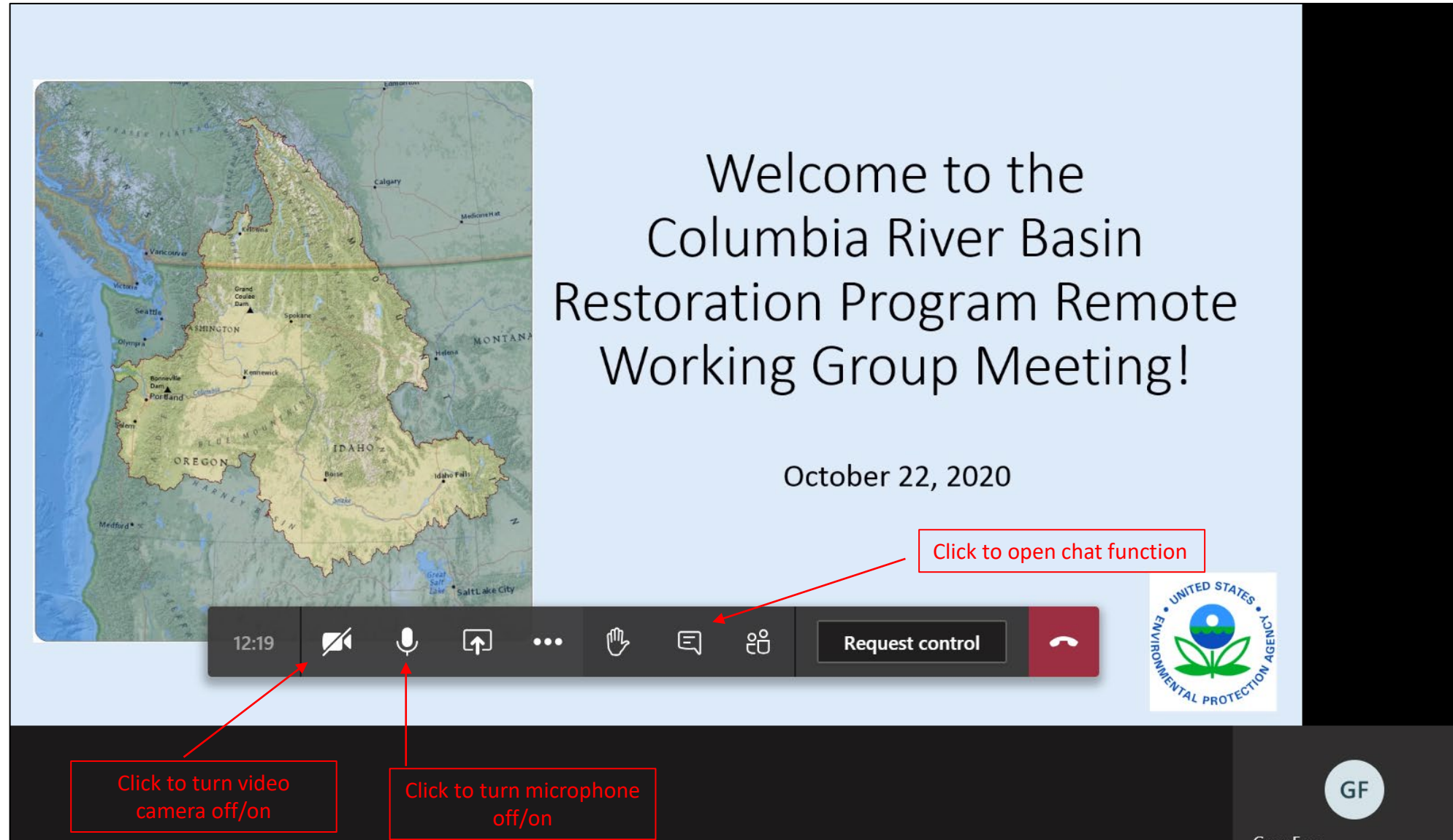
Topic #2: Discuss holding an annual research and emerging concerns workshop.

Topic #3: Review CRB Contaminants of Concern Framework (finalized August 2020) and discuss plan to revisit as needed.

11:50 **Next Steps** *Mary Lou Soscia, Jen Bayer, and Greg Frey*



Introduction to Microsoft Teams



The screenshot shows a Microsoft Teams meeting window. On the left is a map of the Columbia River Basin, highlighting Washington, Oregon, and Idaho, with various cities and dams labeled. The main area contains the text: "Welcome to the Columbia River Basin Restoration Program Remote Working Group Meeting!" followed by "October 22, 2020". At the bottom is a toolbar with icons for video, microphone, screen sharing, and other functions. A red box with the text "Click to turn video camera off/on" points to the video icon. Another red box with the text "Click to turn microphone off/on" points to the microphone icon. A third red box with the text "Click to open chat function" points to the chat icon. To the right of the toolbar is a "Request control" button and a red phone icon. In the bottom right corner is a circular profile picture with the letters "GF" and the name "Greg Fry" below it. The United States Environmental Protection Agency logo is also visible on the right side of the toolbar.

Welcome to the
Columbia River Basin
Restoration Program Remote
Working Group Meeting!

October 22, 2020

Click to turn video camera off/on

Click to turn microphone off/on

Click to open chat function

Request control

United States Environmental Protection Agency

GF
Greg Fry



Welcome & Introductions

When called on, please introduce yourself and identify who you represent.





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#770895**

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In one word what is your hobby? (i.e. reading, cinema, cooking, biking)

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Slido Polling Questions - Data Management Background

- Do you use data management plans for your toxics monitoring projects?
- How are your data currently stored/managed in-house?
- Are you familiar with the WQX?

Data Management Plan describes data that will be acquired or produced during research; how the data will be managed, described, and stored, what standards you will use, and how data will be handled and protected during and after the completion of the project.



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**Do you use data management plans for
your toxics monitoring projects?**

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How are your data currently stored/managed in-house?

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Are you familiar with the EPA WQX and the Water Quality Portal?

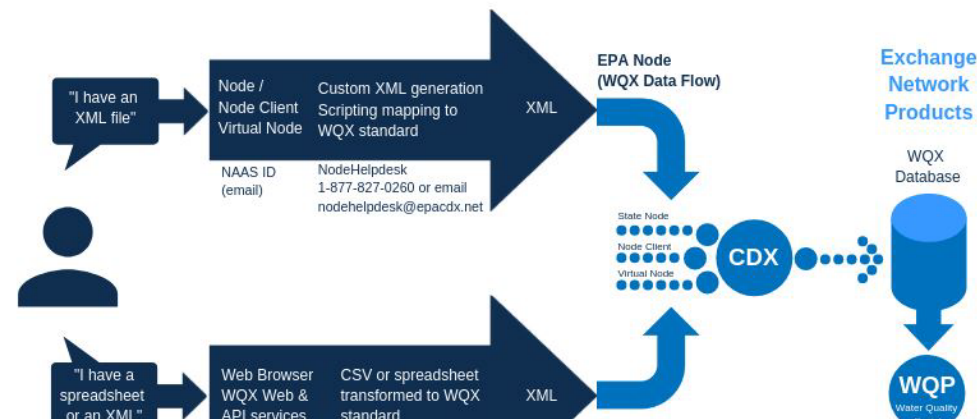
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An Overview of EPA WQX

Presentation by Dwane Young
Chief, Water Data Integration Branch
U.S. EPA Office of Water

For you to share your data using WQX. You can choose a standard WQX application, such as spreadsheets or you can choose to create a custom submission application using WQX Nodes or Node Clients. The best approach for your organization depends on in house technical resources. The WQX Web application requires less technical expertise and manual steps to upload. Custom WQX applications can be more efficient for organizations with larger databases and a need for automated submissions.

- [WQX Web - Resources for a Standard Upload](#)
- [Exchange Network - Resources for a Custom Upload](#)





Topic #1: Data sharing via WQX

Continue discussion of the data sharing proposal that toxics monitoring data be published to the EPA Exchange Network's WQX data system and that we create a new data dashboard to access CRB data from the WQX.

- We want to understand your current practices, familiarity with EPA's WQX and capacity to manage and share data
- We will use a series of live polls via Slido



Slido Polling Questions – Data Publishing

- Do you currently have capacity in your agency or Tribe to publish toxics data to the WQX?
- Would you be interested in training related to publishing data to the WQX?
- Do you have reservations about using WQX for publishing these data?
- If you publish data using other tools, what do you use?
- Do you share or publish machine readable metadata in a standard format (FGDC, ISO, EML) with your data?
- If we were to build a CRB Toxics Data Dashboard to access and display data, what is the top question you would ask of the data?



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Would you be interested in training related to publishing data to the WQX?

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Do you have reservations about using WXQ for publishing these data?

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If you publish data using other tools, what do you use?

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Do you share or publish machine readable metadata in a standard format (FGDC, ISO, EML) with your data?

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If we were to build a CRB Toxics Data Dashboard to access and display data, what is the top question you would ask of the data?

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Topic #2: Discuss holding research and emerging concerns workshop

Questions for Attendees:

- How often should we conduct a research priorities and emerging concerns workshop?
- What is the best time of year to conduct a research priorities and emerging concerns workshop?
- When we conduct a research priorities and emerging concerns workshop, who should attend?
- What is the best format for the research priorities and emerging concerns workshop?



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How often should we conduct a research priorities and emerging concerns workshop?

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What is the best time of year to conduct a research priorities and emerging concerns workshop?

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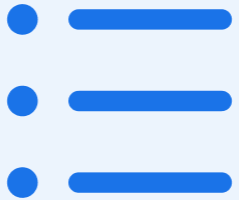


When we conduct a research priorities and emerging concerns workshop, who should attend?

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What is the best format for the research priorities and emerging concerns workshop?

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Topic #3: Contaminants of Concern Framework

Brief overview of 2020 Framework – *David Gruen, Oregon Department of Environmental Quality*

The CoC framework can be used to:

- Align basin-wide contaminants of concern with state priority toxic lists
- Help guide and prioritize monitoring, outreach, reduction, or clean-up projects
- Communicate to internal management, external organizations, and/or the public about key toxic pollutants and potential strategies to address them
- Facilitate collaboration between entities on toxics or pesticide reduction projects
- Compliment traditional restoration project considerations that could have co-benefits for toxics reduction
- Connect to Total Maximum Daily Load (TMDL) development and implementation efforts
- Identify current data/knowledge gaps



Topic #3: Contaminants of Concern Framework

Question for Attendees:

- We propose to we revisit the Priority Contaminants of Concern List 5-10 years in the future. Do you agree yes/no?



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**We propose to we revisit the Priority
Contaminants of Concern List in 5-10 years.
Do you agree yes/no?**

① Start presenting to display the poll results on this slide.



Next Steps

- Actions from today
- Future meetings
- Are there other attendees that should be invited?

