

WQX User Call

February 23, 2023

There were approximately 38 participants on the call.

Returning Attendees:

Adam Griggs (USEPA)

Steven Vu (R7 EPA)

Cristina Mullin (EPA HQ)

Jesse Boorman-Padgett (EPA HQ)

Cathy Anderson (TCEQ-Texas)

Katlynn Decker (KDHE)

Natalie Moore (TDEC)

Chris Neumiller (WA Ecology)

Amber Bethe (AK DEC)

Candice Hopkins (USGS)

Angie Reed (Penobscot Indian Nation) - returning but it has been a LONG time

Robert Smith (MassDEP) - returning, but infrequent

Elise Hinman (ORISE EPA HQ)

Dean Tucker (NPS)

Ben Frans (WA Ecology)

Tom Dallaire (MassDEP)

Jarma Bennett (CA SWRCB)

Rick Cooke (Gold Systems)

Kayla Gower (GS)

Kevin Christian (EPA HQ)

First-time Attendees:

Alyssa Peterson (GA EPD)

Jill Carr (MassBays NEP)

Agenda:

1. WQX Project Status Report (25 mins)
 - WQX/WQXWeb performance/updates (Kevin)
 - WQX Helpdesk report (Shay)
 - WQX new resources (Adam)
 - WQX questions/comments

2. WQP Status Report (15 mins)
 - WQP General Status Report
 - WQP questions/comments
3. Presentation: MassWaterR: The Massachusetts Bay National Estuary Partnership will present on their new approach to supporting community science submissions using an R Shiny data entry app and leveraging shared WQX import configurations.
4. Open Discussion
 - Other topics/questions
 - NWQMC - Early bird registration ends Friday!

Notes:

Welcome. We are trying out a new notes system during these meetings that is more in keeping with the practices of our other External User groups. Feel free to add your name to the attendance list so that we can have a better record of who is attending these meetings and receiving these updates.

1. **WQX Project Status Report**
 - a. WQX/WQXWeb performance/updates (Kevin)

WQX Helpdesk Team has recently migrated to an automated ticket tracking and generation system.

This new internal ticket management system will allow the team to reserve more time in response to issues than administrative processing.

WQX Development Team continued working on enhancing the WQX Web review reports to allow generation of .xlsx export files (zipped):

(Projects, Monitoring Locations, Activities, Results, Metrics and Indexes).

The Planned Spring release will feature a NEW report for Project “Monitoring Location Weights”.

For WQX support requests, If necessary, please send a follow-up email or voicemail when a response exceeds 5 days.

Rarely some emails may be moved to SPAM folders. WQX Helpdesk responses are daily cycles. You should receive acknowledgement same day, M-F, 8am – 5pm EST

b. WQX Helpdesk report (Shay)

Since the last user call meeting, we've had 56 help desk tickets. The new automated ticketing system just started last week and will allow us to better track and see trends in our helpdesk requests.

c. WQX new resources (Adam)

- i. WQX Cheat Sheet
- ii. New Fish Tissue Web Template - wrapping up final details, will share at National Fish Forum
- iii. New videos: How to submit fish tissue data, How to find fish tissue data
- iv. New detection limit guidance

2. WQP Status Report (10 mins) (Candice and Lee)

Noticed that the ETLs from WQX were getting hung up since Feb 12. We are investigating and will be performing a manual run. Hopefully, we will see the updated data be available in the WQP this week.

New link for domain values is on the DEV site and hope to get it pushed to PROduction this week. WE will also be adding the AGOL web services documentation that we recently put together. Dev staff is still limited but we are getting ready to dive into mapping and delivery of the new WQX 3.0 data profiles. Soon will be joined by another dev team and be able to pick up pace.

3. Presentation: MassWaterR

The new tool should be very transferable to other locations. The new tool MassWaterR is a new R tool that works in conjunction with WQXWeb to facilitate web data submissions. There are currently less than 10 MA groups submitting data to WQX. MBNEP would like to use the data, but they need it to be better documented and shared in a consistent format (WQX).

The new MAssWaterR tool will provide a streamlined means of screening, submitting data to WQX, and analyzing and viewing the data.

MassWaterR requires 5 data inputs: Site metadata, DQO Accuracy metadata, DQO frequency and completeness, WQX req'd metadata, and the Results input.

MassWaterR also created new custom import configurations to match the MassWaterR WQX exports.

You can find all documentation for the MassWaterR project and application on [CRAN](#) and [GitHUB](#).

MassWaterR Community of Practice (help forum)
<https://massbays.discourse.group/c/masswater-r-tools/>

Contact: Jill Carr, MassBays NEP, Jillian.Carr@umb.edu

4. Wrap-up

The next WQX/WQP User Call will be on the 4th Tuesday of March (Mar 23rd) at 12pm EST.