WQX User Call September 26, 2024

There were approximately 43 participants on the call.

Agenda:

- 1. WQX Project Status Report (25 mins)
 - WQX/WQXWeb performance/updates (Kevin)
 - WQX Helpdesk report (Shay)
 - WQX Tip-of-the-month (Adam)
 - Report out from last week's e2i conference (Adam)
 - WQX questions/comments
- 2. WQP Status Report (15 mins)
 - WQP General Status Report
 - i. BETA Updates Project ID now available for testing
 - ii. BETA testing Please continue to test and send reports
 - 1. Look at an example of new Beta service in Action HABs Dashboard
 - iii. WQP questions/comments
- 3. Open Discussion
 - Other topics/questions

National Monitoring Conference – Working Together for Clean Water (nwqmcconference.org)

March 10 to 14, 2025, in Green Bay, Wisconsin

I. WQX Project Status Report

A. WQX Status Report

- 1. WQX Data 1 on 1 assistance is supported via the WQX Helpdesk. Email wqx@epa.gov
- 2. NO services disruptions
- **3.** Cleaned Up WQX Node services (QUERY, SOLICIT) for WQX 3.0 PRODUCTION and STAGING
- **4.** Current development Sprint#1 planned deployment to Production on December 13, 2024 supports the following:
 - a) WQX Web Review enhancements: MonitoringLocation, Result
 - **b)** WQX Web Review API services: Project, MonitoringLocation, Result
- **5.** Bugfixes and enhancements: Well, Comparable elements, Unit Target update, Administrator Menu track TransactionType, Origin
- **6.** WQX Dev WQX-238 Enable hyperlinks for all Import Configuration Elements with domain values to review and/or download individual "Domain Values" list (7/12)

B. WQX Helpdesk report (Shay)

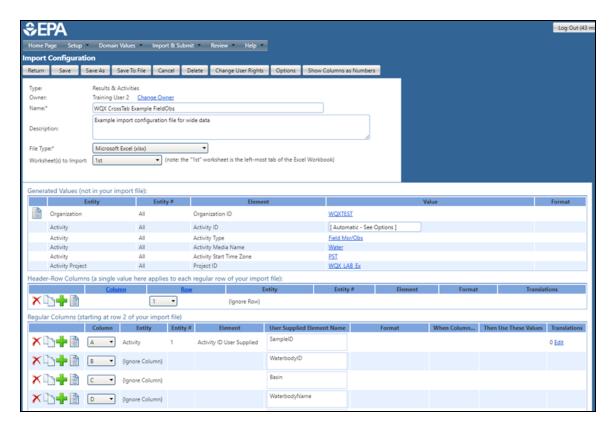
Currently working on documentation, including accessing the WQXWeb API.

- Around 80 user support requests over the last month
 - ~ Mostly user registrations
 - ~ 20 User support
 - ~ 10 domain value resolution
- Average response to inquiry was ~45 min, average resolution around ~30 hrs

C. WQX Tip-of-the month - Sharing Import Configurations

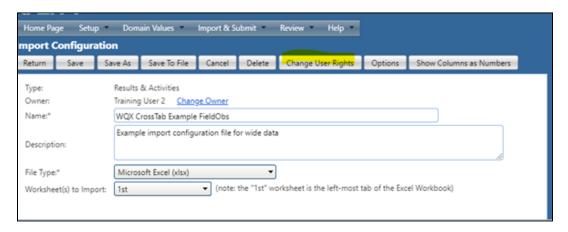
Import Configurations are customized mappings of your datasets used to import your data and make all necessary conversions to the WQX data standard, including structure, field names, and values. Import configs may need to be shared with fellow <u>staff</u>, <u>partners</u>, <u>or the larger community</u>.

1. You've created or edited a new import configuration file that follows a data format your organization will use over and over again, and you'd like to share this file with others.

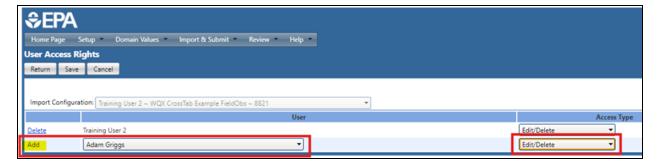


Example import configuration

1. Mechanisms to share: a) Give access within WQX Web to select users, b) Save file and export as a .cfg; c) Create a template in WQX for all users (admin only)



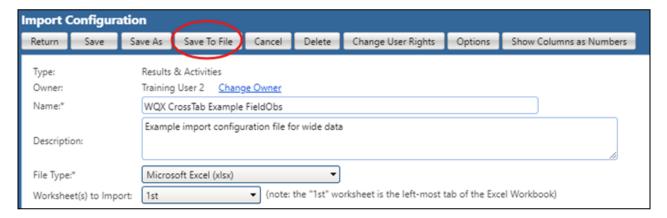
- a. Grant access to others in WQX Web
 - i. Add a WQX User from the drop-down menu and define Access Type (Read Only, Edit, Edit/Delete) > Save



ii. Now assigned users will be able to access this import configuration by going to Setup > Import Configurations

b. Export as .cfg file

i. With your Import Configuration file open – go to Save To File



- ii. Give your import configuration file a name and save as a .cfg on your computer. Now you can share this file outside of WQX Web (e.g., email, SharePoint, etc).
- c. Request permission for WQX to release Import Configuration as a Template
 - i. Reach out to WQX Helpdesk to request sharing the import configuration to a broader community.

D. Report out from last week's e2i conference

Environmental Information and Innovation - Conference for the Exchange Network. Sessions included:

- Plenary Data Modernization in EPA Air and Water Programs
- Better Data for Better Water Management
 - Big Valley Band of Pomo Indians Their new R Shiny front-end and Python WQXWeb API submission tool.

- Oklahoma Water Resources Board Shared their latest work to map NARS program data to the WQX data model. Recently shared their definition list with me, so I have that on-hand as a resource if your program is looking to adopt NARS protocols/apps.
- Focus on Water Quality
 - MassBays National Estuary Partnership MassWateR and new QAPPTool
 - Use of APIs in Water Data Up/Down the WQXWeb API and WQP API services
- Spotlight on Geospatial Innovations
- AI/Machine learning
- Sessions on many other exchange flows
- Other.

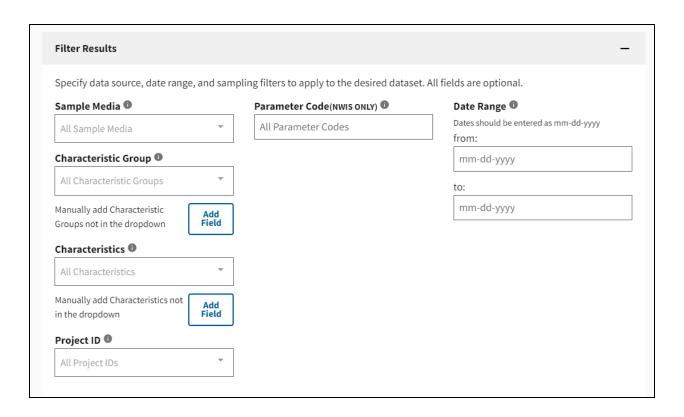
Session recordings and slide decks are up and available on the <a>e2i conference website.

E. <u>WQX - Comments, questions</u>

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

There has not been much recent development on the WQP. We are working on some upstream database issues. If you do experience any issues, please report those to the Helpdesk (will get sent to WQP team).

The Project ID field has been added to both Beta services and the Beta UI. Development will kick off again in the new fiscal year.



II. Open Discussion/ Other/Wrap-up

Brief demo showing GIS StoryMap and Dashboard to highlight cyanotoxin data in WQP

Our next WQX/WQP User call will be October 24th at 12pm ET.

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WQX Data Assistance

EPA WQX offers you a single point of contact to assist you with any questions or needs for your data submission and retrieval. We are here to help you succeed! For custom support, please request an appointment for individual assistance with a WQX data advisor.

What is "1 on 1" data assistance?

- We provide individualized, in-depth assistance to partners and programs conducting individual or group data monitoring.
- A WQX data advisor will schedule a meeting with you based on your best availability to help you with your project/assignment.
- Open to all WQX/WQX Web users.
- Sessions can last from 15 minutes to 1 hour.
- Sessions can be scheduled within the weekday hours of 8am to 7pm EST by appointment.
- If you had a "1 on 1" session, you may also request follow-up assistance via email to WQX Helpdesk (wqx@epa.gov).
- If you have a basic question, a faster way to get an answer is to chat with us.

To speak with a WQX representative, please call 800-424-9067 (wqx@epa.gov).