

WQX User Call

May 23, 2024

There were approximately 60 participants on the call.

Agenda:

1. WQX Project Status Report (15 mins)
 - WQX/WQXWeb performance/updates (Kevin)
 - WQX Helpdesk report (Shay)
 - WQX Tip of the Month -
 - WQX questions/comments
2. WQP Status Report (15 mins)
 - WQP General Status Report
 - i. Beta UI w New Profiles
 - User Feedback requests
 - WQP questions/comments
3. Presentation: Demo of the Water Quality Indicators Tool ahead of Public Release (Rusty Wasem, EPA – OECA)
 - The Water Quality Indicators (WQI) tool integrates and normalizes available ambient monitoring data for nutrient and pathogen parameters. A user can visualize millions of ambient monitoring records and use the WQI's integrated tools to analyze water quality trends and identify potential contributors to water quality impairments. Currently, the WQI contains ten years of surface water monitoring records from the Water Quality Portal (WQP) for nutrient parameters (total Nitrogen and total Phosphorus) and for several pathogen parameters (e. Coli, enterococci, and fecal coliforms). EPA is planning to publicly release the WQI during the summer of 2024.
4. Open Discussion/Close
 - Other topics/questions

Notes:

1. **WQX Project Status Report**
 - a. WQX Status

- i. Continue working with the Node helpdesk on updating Exchange Network Service Center service changes, requesting WQX services registered for the DEVELOPMENT environment.
 - 1. <https://enservicesdev.epacdxnode.net/login.aspx>
 - 2. The Exchange Network Services Center (ENSC) is a web-based tool designed to allow Exchange Network users to easily send, get, and download information from other partners on the network.
 - 3. Planned deployment of a NGN Node Upgrade 4.2.3 before August or FY24.
- b. WQX/WQXWeb performance/updates (Kevin)
 - i. Planned release for WQX Web on May 31st 2024.
 - 1. Adding additional error handling to the WQX Web API Services.
 - 2. Bugfixes for Sample Collection Method, Processing Report, Review counts - discrepancy between view report and export.
 - 3. Update QAQC post processing services: user supplied elements crosswalk columns (characteristic and taxon).
 - 4. Addressing Security patch issues.
- c. WQX Helpdesk report (Shay)
 - i. Roughly 100 user inquiries since last month. Mostly consisting of:
 - 1. Domain characteristic and taxon requests
 - 2. Data inquiries/assistance
 - 3. WQX User Account/New Org Account Requests
 - ii. Working on Documentation in confluence for helpdesk processes and SOPs. Coordination meeting set with contract team.
- d. WQX Tip of the Month
 - i. Managing data for external partners and multiple project purposes (Short PP)
- e. WQX - Comments, questions
 - i. Chris N - Observed some system (WQXWeb) slowness last week.

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 ([wxq@epa.gov](mailto: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](tel:800-424-9067) ([wxq@epa.gov](mailto:wqx@epa.gov)).

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

Appreciate everyone's beta-testing and feedback received so far - keep it up! Some performance issues have been noted. Please include any query URLs you used in you feedback.

BETA WQP UI: <https://www.waterqualitydata.us/beta/>

Getting ready to release the BETA UI to the public for additional testing and increased use load. There is a blog available to answer questions about the new BETA WQP UI.

Blog: <https://waterdata.usgs.gov/blog/wqx3/>

Upcoming work will include more performance tuning and release of additional profiles. Have received some feedback on the many-to-one JSON arrays that are delivering these data within CSV fields. The data should still parse in a CSV reader - if you look at it as text you'll see double quotes, etc.

3. **Presentation - Demo of the Water Quality Indicators Tool ahead of Public Release (Rusty Wasem, EPA – OECA)**

- a. The Water Quality Indicators (WQI) tool integrates and normalizes available ambient monitoring data for nutrient and pathogen parameters. A user can visualize millions of ambient monitoring records and use the WQI's integrated tools to analyze water quality trends and identify potential contributors to water quality impairments. Currently, the WQI contains ten years of surface water

monitoring records from the Water Quality Portal (WQP) for nutrient parameters (total Nitrogen and total Phosphorus) and for several pathogen parameters (e. Coli, enterococci, and fecal coliforms). EPA is planning to publicly release the WQI during the summer of 2024.

Link to the reviewed QA Dataset used in the application:

<https://echo.epa.gov/tools/data-downloads/wqi-data-review>

<https://echo.epa.gov/maps/wqimap/dataquality>

For WQI Questions, Comments , Feedback: wasem.russell@epa.gov

4. Open Discussion/ Other/Wrap-up

Our next WQX/WQP User call will be June 27, 2024 at 12pm ET.