

WQX User Call

July 25, 2024

There were approximately 35 participants on the call.

Agenda:

1. WQX Status Report (10 min)
 - WQX Project Status Report (Kevin)
 - WQX Development Priorities (Kevin)
 - WQX helpdesk report (Shay/Jessy)
2. Water Quality Portal Status Report (10 min)
 - WQP General Status Report (USGS)
 - Release of new BETA Portal User Interface (UI)
 1. We will continue to review and update you on the new Beta Profiles, available documentation, timelines of roll-out, etc.
3. Open Discussion/Office Hours (10 min)
 - WQP/WQX questions/comments
 - NMC call for proposals

Notes:

1. WQX Project Status Report

- WQX Project Status

Our current User Support Period of Performance is coming to an annual close, so we're starting to wrap up Helpdesk Support for this season.

Continue working with the Node helpdesk on updating ENSC service changes, requesting WQX services registered for the DEVELOPMENT then PRODUCTION environment. Cleaning up old 1.1 services, and leaving current 2.2 and 3.0 services. Cleanup is deployed in TEST and DEV, and we will replicate in PROD.

<https://enservicesdev.epacdxnode.net/login.aspx>

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.

There was a recent quick release at the end of May. Working toward another quick release to align with the end of the support contract slated for the end of July.

- WQX Development Priorities – Continue working with the Node helpdesk on updating ENSC service changes, requesting WQX services CLEANUP and re-registered for the PRODUCTION environment.
 - i. <https://enservices.epa.gov/login.aspx>
 - ii. 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.
- New WQX Web Release Now available in the TEST environment and Planned PRODUCTION release for WQX Web on July 26th 2024 (Friday evening).

TEST ENVIRONMENT: www.test.epa.cdx.net

- WQX-240: Align TADA Domain Values and QA/QC Characteristic Validation. (**Complete**)
- WQX Dev - WQX-222 Modify a user rights, role, and privileges' web page Make it sortable by Last Login Date (**Complete**)
- WQX Dev - WQX-244 Add Organization Type To The Organization List Page. Make it sortable and searchable. (**Complete**)
- WQX Dev - WQX-20 Add schema elements with default format to user preferences (**Complete**)
- WQX Dev - WQX-229 Activity and Results Review Page - Exclude One to Many Relationships For Performance (**Complete**)
- WQX Dev - WQX-192 Checkbox grouping Result Parameters to return whole sample (**Complete**)
- WQX Dev - WQX-### Results Checkbox return Unsorted First 100K (NO Order By CLAUSE) (**Complete**)
- WQX Dev - WQX-### Disclaimer for Review Results app webpage - Note: Reports have a limit of 100K rows (**Complete**)

August 5th - Production WQXWeb will inherit the multi-factor authentication login

- WQX Helpdesk report (Shay)
 - Just shy of 70 user inquiries since last month. Mostly consisting of:
 - 13% Data inquiries/assistance
 - 23% Domain characteristic, taxon, and analytical method requests
 - 28% WQX User Account Requests
 - Average time for first response to a request being between 2 hours with most tickets being resolved within 16 hours.
 - Working on WQX Project Documentation in Confluence for Helpdesk processes, Portal Data exchange, and Standard Operating Procedures (SOPs). Welcome feedback from others on the materials.
- WQX – Comments, questions
 - 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)

- Beta-testing: Received some user feedback that we were missing groundwater. Keep the bug reports coming.
- Reconciling the code service - it populates the UI and allowable values (drop-downs). Needs to be synced between EPA and USGS domain value services. New code services deployed today for Characteristic Name and Characteristic Group.
- Cyber security patches/updates - been needing to address some of these issues lately.
- Wrapping up development on the WQP for this fiscal year as we exhaust fiscal year funds.
- Delivery of new WQX 3.0 Data Profiles

1. Five profiles now out for review/testing: Locations, Full PhysChem, Narrow, Basic PhysChem, Sampling Activity

The screenshot shows a web interface for configuring data profiles. It is divided into two main sections: 'Data Source' and 'Data Profiles'. Under 'Data Source', there are two checked checkboxes: 'NWIS (USGS)' and 'WQX (EPA)'. Under 'File Format', there are four radio buttons: 'Comma-Separated' (selected), 'Tab-Separated (Coming Soon...)', 'MS Excel 2007+ (Coming Soon...)', and an unlabeled one. Under 'Data Profiles', there are five radio buttons: 'Monitoring Locations' (selected), 'Full Physical Chemical', 'Narrow', 'Basic Physical Chemical', and 'Sampling Activity'.

- Further development of Beta WQP UI

1. Will add additional Filter functionality as Profiles are added to the UI (Project,

WQX 3.0 Beta

Basic

Advanced

Select Location Parameters

Specify location parameters to describe the spatial extent of the desired dataset. All fields are optional.

Country

All Countries

State

All States

County

All Counties

Point Location

Within

miles of Latitude

0

Longitude

0

Use my location

Bounding Box

North:

90

South:

-90

East:

180

West:

-180

Site Type

All Site Types

Organization ID

All Organization IDs

Site ID

All Site IDs

HUC

All HUCs

Filter Results

Specify data source, date range, and sampling filters to apply to the desired dataset. All fields are optional.

Sample Media

All Sample Media

Characteristic Group

All Characteristic Groups

Manually add Characteristic Groups not in the dropdown

Add Field

Characteristics

All Characteristics

Manually add Characteristics not in the dropdown

Add Field

Parameter Code(NWIS ONLY)

All Parameter Codes

Date Range

Dates should be entered as mm-dd-yyyy

from:

mm-dd-yyyy

to:

mm-dd-yyyy

- Documentation

1. The online User Guide has been updated on the Beta site.
https://www.waterqualitydata.us/beta/portal_userguide/
2. Blog Post: <https://waterdata.usgs.gov/blog/wqx3/>

- User-testing

1. Feedback from Beta testers has still been somewhat slow. We hope testing will pick up as additional pieces come into place on the Beta site. Please feel free to send any feedback to the WQX Helpdesk at WQX@epa.gov

3. Open Discussion/ Other/ Wrap-up

- NMC call for proposals

<https://nwqmconference.org/>

Please consider submitting an abstract proposal for the 14th National Monitoring Conference **from March 10 to 14, 2025, in Green Bay, Wisconsin.**

From Teams chat

Chris – Adam, could you also please send me your list of WQX Organizations? We are just finishing up our project to flow data from EIM to WQX - and can send data on behalf of other organizations (with their approval). Might do a talk on it at the conference. Data sharing!

Bob: Why do I see some Orgs with multiple IDs, some with _WQX attached or some with an *Volunteer? Will someone clean this up? Or is it the responsibility of submitters?

- From Adam - Some organizations received a new ID when switching from STORET to WQX. When submitting current data use “XX_WQX” organization name if see multiples.

Our next WQX/WQP User call will be August 22nd at 12pm ET.