

WQX User Call

May 26, 2022

There were approximately 36 participants on the call.

Agenda:

1. WQX Project Status Report (10 mins)
 - WQX/WQXWeb performance/updates
 - Recent domain value updates
 - New WQX training resources
 - WQX questions/comments
2. WQP Status Report (10 mins)
 - WQP General Status Report – 3.0 Mapping
 - WQP download profiles status
 - WQP questions/comments
3. Open Discussion
 - Other topics/questions

Notes:

- 1) **Welcome and review agenda (Adam G)**
- 2) **Water Quality Exchange (WQX) Project Report (Kevin C)**

The Helpdesk support has been operating at normal status. Service has been restored for the WQX's Toll-free number: (800) 424-9067. Thanks for your patience, in that regard.

WQX Web experienced a brief service interruption on May 2 @ 5:00pm thru May 3 @ 5:00pm. The issue was identified and resolved for future reference.

There are **two upcoming events**: WQX has a planned node migration event on June 17, 2022. This **first event** will migrate the PRODUCTION node's XML parse and load software to a new server. There is no expected user impact, as there should be no service disruption. On May 18, this same node software was successfully migrated and deployed in the Node TEST environment. Please TEST the staging environment via node submissions and provide any feedback via email to [wxq@epa.gov](mailto:wqx@epa.gov)

ExchangeNetworkServicesCenter - ENSC for test submission:
<https://enservicetest.epacdxnode.net/login.aspx>

WQX Test Node:

Node 1.1 - https://testngn.epacdxnode.net/cdx-enws10/services/NetworkNodePortType_V10
Node 2.0 Test - <https://testngn.epacdxnode.net/ngn-enws20/services/NetworkNode2Service>
Node 2.1 Test - <https://testngn.epacdxnode.net/ngn-enws20/services/NetworkNode2ServiceConditionalMTOM>

Also, WQX Web has a planned Cloud server migration event in June 2022. During this **second event**, the WQX Web application will be deployed to a New cloud application server. SOME user impact is expected: Users may experience some impact as a reduction in processing performance compared to the current “on-premise” server environment. The Application will inherit new network latency transferring data from the Cloud application server to the database server. Our WQX Web development team will continuously research and improve with future releases. WQX Web’s optimal processing benchmarks will be lower.

In addition, there have been several updates to domain services to add new values, and some refinement of the Characteristic Group assignments. As always, if you need a new Domain Value you may request one at the HelpDesk.

There are several new training resources that will soon be made available, including video trainings:

- a. [New Intro to WQX](#)
- b. [Search for your data in WQP](#)
- c. [Getting Started with WQX](#)
- d. [Bringing Together Data and Metadata](#)

We are also currently working on a fish tissue template to encourage increased fish consumption advisory data submissions. Also, a reminder that we have one-on-one support available through the Helpdesk

2) Water Quality Portal Update (Candace)

The development team of the WQP has been steadily making progress on the **upgrade to the WQX 3.0 schema** for the Observations database (where WQP is stored), and this effort has been a larger lift than expected. During this development sprint, they are also capturing some bugs as well. They are adding 2 state letter abbreviations to the output, rather than state FIPS code. They are also troubleshooting the spring boot update, as there are issues with the summary monitoring location endpoint.

The new WQP download **data profiles** are beginning to come online. The first 3.0 profile being served is the Full Physical/Chemical Results data profile. They are working through population of the fields and testing. Once updates are loaded to Production, we will be looking for user testing and feedback.

WQP questions/comments – There were a couple questions regarding already reported bug features, such as logic in the dropdown list filtering in the UI, and expanding the text windows, etc. These reports/requests have been noted and will be included as possible in future development sprints. Currently, dev is consumed with upgrading to the 3.0 schema and associated data download profiles.

3) Open Discussion

Reminder - NWQMC Call for Open Sessions now through June 1!

<https://www.nalms.org/nalms2022/call-for-abstracts/>

The next meeting will be held on June 23, 2022.

4) Adjournment

The meeting was adjourned at 12:28