

WQX User Call

March 27, 2025

There were approximately 36 participants on the call.

Agenda:

1. WQX Project Status Report (15 mins)
 - WQX/WQXWeb performance/updates (Kevin)
 - WQX Helpdesk report (Shay)
 - WQX questions/comments
2. WQP Status Report (15 mins)
 - WQP General Status Report
 - User Feedback requests
 - WQP questions/comments
3. Open Discussion
 - Other topics/questions

Notes:

1. WQX Project Status Report

a) WQX Status

- Last release was in January
- All WQX and WQX Web services are ONLINE without any interruptions this past month

b) WQX/WQXWeb Performance Updates (Kevin)

- i) WQX Web Software Release Notes – Next Sprint #2 – planned release for production by September 2025
- ii) Review WQX domain value services for quality and completeness: REQUEST for Subject Matter Expert assignment recommendations for Characteristic Group and Characteristic Aliases
- iii) Current Sprint#2 in Progress, planned production by September 2025
 - Improved documentation for API services
 - Improved documentation for Getting Started WQX Web
 - WQX-213 Create new API services “project” Monitoring Location and Result to Review data details in WQX
 - WQX-264 Create a new API service to Retrieve Binary Attached Objects for Projects, Monitoring Locations, Activities, and Results
 - WQX-275 Result Review Export Add Taxon Parent Name And Rank
 - WQX-156 Improve Exporting in WQX Web
 - WQX-271 Enhance Review Projects Export To Excel, WQX-272 Enhance Review Monitoring Locations Export To Excel, WQX-273 Enhance Review Activities Export To Excel, WQX-274 Enhance Review Results Export To Excel
 - WQX-13 Remove Deprecated Sample Collection and Sample Preparation Methods From Activity Table
 - WQX-101 Batch Delete Index and metric Type

- WQX-278 Batch Update Identifiers For Metric Types And Index Type

c) WQX Helpdesk report (Shay)

Over the last month - 270 tickets received.

- New user requests - 20%
- WQP Inquiries - 35%
- Data assistance - 20%
- New domain requests - 15%
- General inquiries - 10%

Implemented better tracking on tickets. Continuing to develop new user guidance.

Coming soon: API service documentation, Detection Limit Guidance, High-frequency Time-Series Guidance, Periphyton/Phytoplankton Guidance

d) Other WQX-related topics

Diatom SME Workshop Series:

As a taxonomic group, the WQX-maintained names currently conflict with many of the identifications produced by today's taxonomists. WQX primarily relies on ITIS for taxonomic stewardship, but ITIS maintenance of this group is out-of-date. Subsequently, efforts like Diatoms of North America have gained momentum to fill the gap in stewardship. We are working with a group of experts to do two things:

1. Update the WQX diatom taxonomic names and improve synonym alias handling
2. Produce a WQX Best Practice Submission Manual for Periphyton and Phytoplankton data

Example of taxonomic resolution table:

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
Query2 - WQX current matches to DONA 'Basionym' or 'Reported As'. The Grey columns are from WQX and Green from DONA. The ask - for the dark orange cells (splits), we need to decide which																	
Taxon.I	Domain	Unique	Taxon.Name	Rai	Lasl	Ext	SR	De	Gri	Domain	SME REVIEW	Spi	Species-2025-03-18 08-25-42.Name	Ge	Ge	Sp	Va
401	Taxon(Su)	46729	Achnanthes amoena	Speci	#####	3461		(Hust	Not A	Accepted		1047	Karayevia amoena	Karayevia		amoena	
416	Taxon(Su)	28129	Achnanthes conspicua	Speci	#####	3445		(May	Not A	Accepted		11	Platessa conspicua	Platessa		conspicu	
420	Taxon(Su)	29600	Achnanthes daonensis	Speci	#####			(Sma	Not A	Accepted		1070	Psammothidium daonense	Psammoth		daonens	
422	Taxon(Su)	3499	Achnanthes decipiens	Species				(Reim	Not A	Accepted		594	Nupela decipiens	Nupela		decipien	
423	Taxon(Su)	38783	Achnanthes deflexa	Speci	#####	3544		(C W	Not A	Accepted		287	Achnanthidium deflexum	Achnanthid		deflexur	
426	Taxon(Su)	28130	Achnanthes depressa	Speci	#####	3448		(Clev	diato	Accepted		317	Eucoconeis depressa	Eucoconeis		depressa	
455	Taxon(Su)	45402	Achnanthes impexiformis	Speci	#####			http:	Not A	Accepted		931	Nupela impexiformis	Nupela		impexifo	
460	Taxon(Su)	60523	Achnanthes joursacense	Speci	#####	####		(Heri	Not A	Accepted		827	Planothidium joursacense	Planothid		joursace	
462	Taxon(Su)	29781	Achnanthes kriegeri	Speci	#####			(Kras	diato	Accepted		164	Rossethidium kriegeri	Rossethidi		kriegeri	
466	Taxon(Su)	28131	Achnanthes laevis	Speci	#####	####		(Ostr	Not A	Accepted		1042	Eucoconeis laevis	Eucoconeis		laevis	
Genera to add to WQX		Taxa to UPDATE in WQX		WQX Taxa Revisions to Review				DONA_WQX_No_match		W		+ ... +					

2. **WQP Status Report (15 mins)** (Candice and Lee)

- There has been an interruption to the Beta service - banner displayed.
 1. Appears as though the issues could be in our AWS.
 2. If you experience issues, please do submit these observations to the WQX Helpdesk [wxq@epa.gov](mailto:wqx@epa.gov) so we can track down bugs.
- Also noted performance issues on the Production WQP services.

3. **Open Discussion/ Other/ Wrap-up**

WQX Upload guidance has been updated on EPA website.

Question: (Mary) - Is there a crosswalk you can see of WQP 2.2 to 3.0 (Beta) services? A: Yes, you can access the crosswalk from our WQP pages on the EPA website, and they are also linked from the Beta User Guide on the WQP website.

<https://www.epa.gov/waterdata/water-quality-portal-quick-reference-guide>

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).

Our next WQX/WQP User call will be **Thursday 4/24/2025 @ 12 EST.**