

WQX User Call
June 27, 2019
12:00 – 1:00 PM EST
202-991-0477 ID: 4189172

Webinar: <http://epawebconferencing.acms.com/wqp/>

There were approximately 27 participants.

Next WQX User Meeting: Thursday, July 25, 2019

Agenda:

- 1) Demo of WQX Web Functionality
- 2) WQX Web API Services

1) Demo of WQX Web Functionality

The WQX Team was not aware that many users who do not know how to use WQX Web. Kevin demonstrated the most recent release **WQX Web 2.8** and some of its features.

Kevin showed the functionality for creating custom import configurations for data imports. Custom configurations can ease the burden of using and following the strict design of the templates. This is an alternative to submitting data through the Node. Users can submit through a flat file or XML.

WQX Web harnesses the functionality of MS Excel to create translations of the data in Excel columns. For example, if you have characteristic/result/and unit to one column, each of those will be translated to be read through the customized import configuration file.

The functionality can be found in the user guide at:

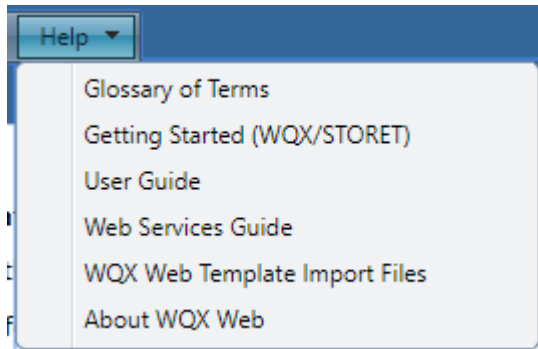
<https://www.epa.gov/waterdata/user-guide-version-210-water-quality-exchange-web>

2) WQX Web API Services

New API services for WQX Web have been developed and will allow users to leverage the functionality of WQX Web by providing an alternative method to publish data to WQX. The services are intended for developers and do not require a CDX account. The services will allow the automation of data submissions through WQX Web. Kevin reminded the group that these are authenticated services that require 256 bit encryption.

More information can be found at: <https://www.epa.gov/waterdata/wqx-web-application-programming-interface>

3) WQX Web Help (available offline)



- Glossary of Terms
 - <https://cdx.epa.gov/WQXWeb/StaticPages/GlossaryWqx.htm>
- Getting Started (WQX/STORET)
 - <https://www.epa.gov/storet/>
- User Guide 2.x
 - <https://www.epa.gov/waterdata/user-guide-version-210-water-quality-exchange-web>
- Web Services Guide
 - <https://cdx.epa.gov/WQXWeb/StaticPages/WebServicesGuide.htm>
- WQX Web Template Import File
 - <https://www.epa.gov/waterdata/water-quality-exchange-web-template-files>

About WQX Web displays the version release number and can be found via the WQX Web help menu.

4) System Import Configurations (WQX Web ONLY) – Functional Preview of WQX 3.0 schema

ID ▲	Type	Name	Default Organization	Owner
1	Project IDs to Delete	Delete Projects (Template)		System
2	Monitoring Location IDs to Delete	Delete Monitoring Locations (Template)		System
3	Index IDs to Delete	Delete Indexes (Template)		System
4	Activity IDs to Delete	Delete Activities (Template)		System
5	Activity Group IDs to Delete	Delete Activity Groups (Template)		System
9	Results & Activities	Add Project ID(s) to existing Activities (Template)		System
10	Results & Activities	Update Result Status (Template)		System

9. Add Project ID(s) to existing Activities (Template)
10. Update Result Status (Template)

Note: Import Access via menu “Import and Submit”, “Activities and Results”

Format spreadsheet as follows:

See attachments / appendix

IMPORT CONFIGURATION REQUIREMENTS
Add Project ID(s) to existing Activities (Template) <ul style="list-style-type: none"> • Mandatory Columns: Activity ID and Project ID
Update Result Status (Template) <ul style="list-style-type: none"> • Mandatory Columns: Activity ID and “Result Status ID”

ActivityIdentifier (mandatory)	ProjectIdentifier (mandatory)
SS 10-201201000031-L	test
SS 10-201203000030-L	test1
SS 10-201205000036-L	test1
SS 10-201207000067-L	test1
SS 10-201209000052-L	test1
SS 103-201201000032-L	test1
SS 103-201203000034-L	test1
SS 103-201205000040-L	test1
SS 103-201207000065-L	test1
SS 103-201210000003-L	test1
SS 103-201210000011-L	test1
SS 105-201201000035-L	test1
SS 105-201203000032-L	test1
SS 105-201206000027-L	test1
SS 105-201208000056-L	test1
SS 12-20050700001-F	test1
SS 12-20050900001-F	test1
SS 12-20060300001-F	test1
SS 23-201201000025-L	test1
SS 23-201203000033-L	test1
SS 23-201205000033-L	test1
SS 23-201207000062-L	test1
SS 23-201209000053-L	test1

Add Project TO Activity

Activity ID (mandatory)	Result Status ID (mandatory)	Characteristic Name (optional)	Subject Taxonomic Name (optional)
SS 10-201201000031-L	Final	Phosphorus	
SS 10-201203000030-L	Final	Phosphorus	
SS 10-201205000036-L	Final	Phosphorus	
SS 10-201207000067-L	Final	Phosphorus	
SS 10-201209000052-L	Final	Phosphorus	
SS 103-201201000032-L	Final	Phosphorus	
SS 103-201203000034-L	Final	Phosphorus	
SS 103-201205000040-L	Final	Phosphorus	
SS 103-201207000065-L	Final	Phosphorus	
SS 103-201210000003-L	Final	Phosphorus	
SS 103-201210000011-L	Final	Phosphorus	
SS 105-201201000035-L	Final	Phosphorus	
SS 105-201203000032-L	Final	Phosphorus	
SS 105-201206000027-L	Final	Phosphorus	
SS 105-201208000056-L	Final	Phosphorus	
SS 12-20050700001-F	Final	Phosphorus	
SS 12-20050900001-F	Final	Phosphorus	
SS 12-20060300001-F	Final	Phosphorus	
SS 23-201201000025-L	Final	Phosphorus	
SS 23-201203000033-L	Final	Phosphorus	
SS 23-201205000033-L	Final	Phosphorus	
SS 23-201207000062-L	Final	Phosphorus	
SS 23-201209000053-L	Final	Phosphorus	

Update Result_STATUS for Activity