WQX User Call
August 25, 2022

There were approximately 30 participants on the call.

Agenda:

1. WQX Project Status Report (10 mins)
    - WQX/WQXWeb performance/updates
    - WQX Tip of the month - Attaching files.
    - WQX questions/comments
2. WQP Status Report (10 mins)
    - WQP General Status Report
    - WQP download profiles status
    - WQP questions/comments
3. Open Discussion
    - Other topics/questions

Notes:

1. WQX Project Status Report (15 mins)

The Helpdesk support has been operating at normal status. Contact Us: Weekday hours of 8am to 6pm EST. Email (wqx@epa.gov) Call 800-424-9067.

Recent WQX development has focused on planned Oracle 19c upgrades and developers have successfully deployed to the Development area. We are ready and awaiting deployment to Staging (September 9th , 2022) at the EPA National Computer Center (NCC). Over the next month, develoeprs will be reconfiguring the WQX Web application to an Azure cloud environment and associated Oracle 19c upgrade in September 2022. Our focus will then return to development on WQXWeb performance tuning, slow XML generation, etc.

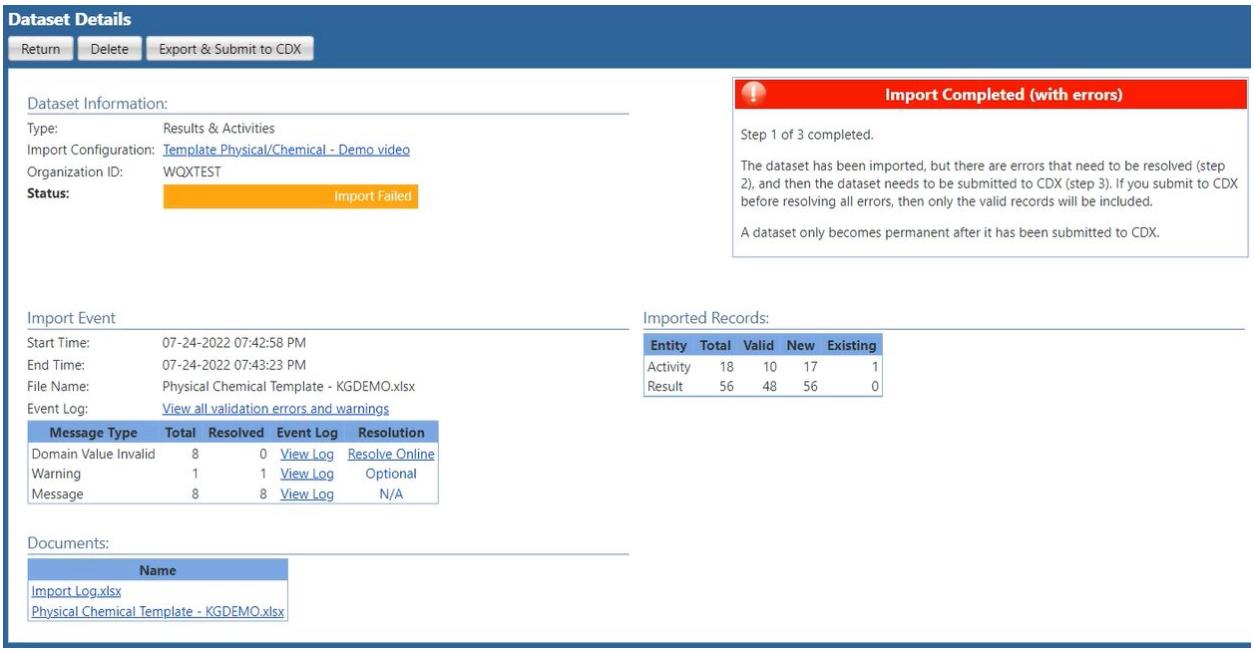
Retired Characteristics - WQX routinely retires Characteristics and Taxon names when they have been deprecated by SME or Stewards of the index. Exs: Substance Registry Service for chemicals, Integrated Taxonomic Information System (ITIS) for biological taxa.

The following Nutrient Characteristics have been recently retired (8/19/2022) in accordance with the 2017 Guidance: Best Practices for Sharing Nutrient Data.

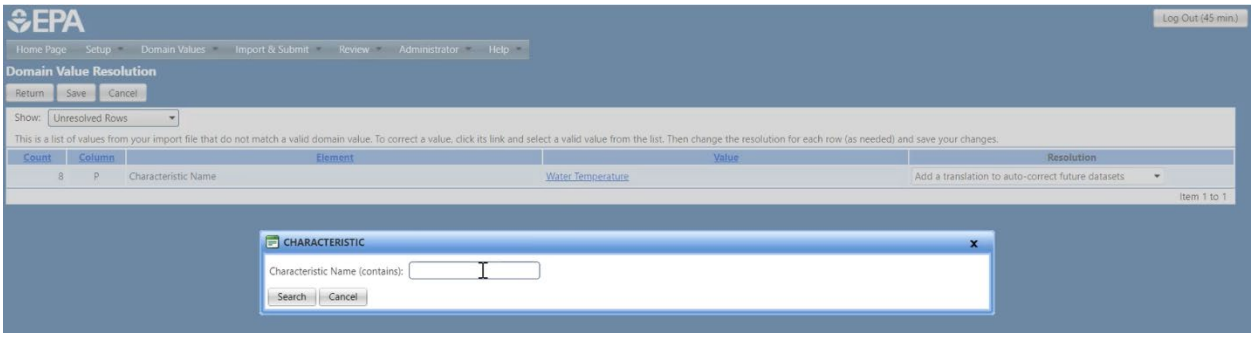
Characteristic	15609	Hydrolyzable phosphorus plus orthophosphate***retired***use Phosphorus, hydrolyzable plus orthophosphate
Characteristic	1420	Nitrogen-15/14 ratio ***retired*** use Nitrogen-15/Nitrogen-14 ratio
Characteristic	3715	Nitrogen Delta 15 ***retired*** use Nitrogen-15/Nitrogen-14 ratio
Characteristic	3691	Dissolved Inorganic Nitrogen/Total Phosphorus ratio
Characteristic	2267	Dissolved inorganic nitrogen/soluble reactive phosphorus ratio
Characteristic	4702	Nitrogen/Phosphorus molar ratio
Characteristic	2962	Phosphate-phosphorus ***retired*** use Total Phosphorus, mixed forms

Characteristic	1415	Inorganic nitrogen (nitrate and nitrite) ***retired***use Nitrate + Nitrite
Characteristic	4703	Inorganic nitrogen (ammonia, nitrate and nitrite)***retired***use Inorganic nitrogen (NO2, NO3, & NH3)
Characteristic	15585	Inorganic nitrogen (nitrate and nitrite and ammonia)***retired***use Inorganic nitrogen (NO2, NO3, & NH3)
Characteristic	15586	Inorganic nitrogen***retired***use Inorganic nitrogen (NO2, NO3, & NH3)

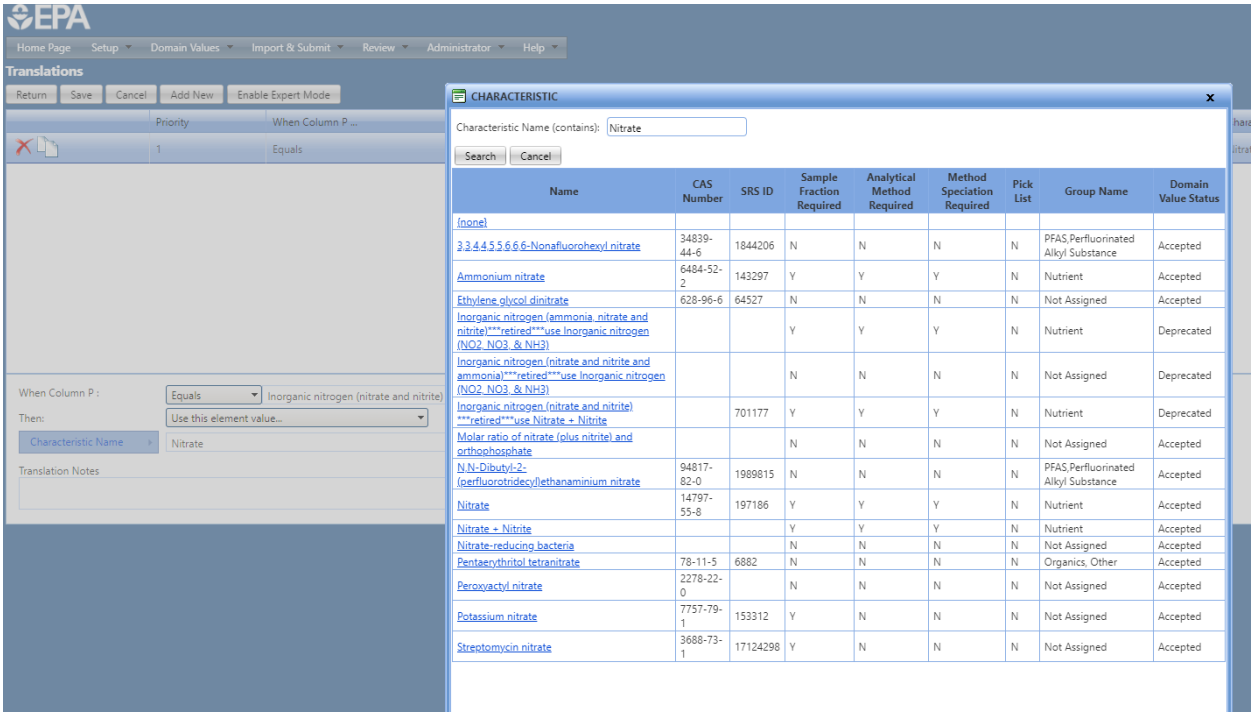
If you submit data with a retired Characteristic (Invalid Domain Value) you will receive an Error upon Import and will not be able to submit the data.



- Tip - You may click on Resolve Online and this will immediately take you to a Domain Value Resolution window that will edit your Import Configuration. There you may search for the correct Characteristic Name and create a translation for this value in your dataset, allowing you to keep your original Characteristic Name, while submitting the WQX harmonized version.



You may also edit your existing Import Configurations directly and add a Translation for the retired Characteristics Names.



2. WQP Status Report (10 mins)

The WQP Development team is changing. WQP Staff will be training a new development team, and as such, we will likely see some slowdown on development as the team comes up to speed. Once up and running, they will be continuing to develop the new data export profiles.

The WQP Team is also working on setting priorities for the new fiscal year, and EPA and USGS will be getting together in-person soon for a WQP strategy session.

DEMO - Adam demonstrated new monitoring location pages in How's My Waterway powered by the WQP csv services. New monitoring location pages feature full results level data from an individual monitoring location, complete with a time-series scatter chart, filters to control data of different types, and summary information.

3. Presentation (20 mins)

The Stanford RegLab presented their latest model developments to infer sources of observed pollutant spikes. (20 min)

4. Adjournment

The meeting was adjourned at 12:43 PM.

The next meeting will be September 22nd at 12:00 PM EST.