STORET/WQX Conference Call – November 18, 2010, 12:00-1:00 PM Eastern Time

Introduction (Kristen Gunthardt)
- The minutes from all previous conference calls are available over the web: **http://www.epa.gov/storet/confcalls.html**
- The next scheduled call will be January 2011. The exact date will be emailed via the list server when the call gets closer.
- Please email **storet@epa.gov** and let EPA know you have attended the call so that meeting rosters may be kept.
- If you have a special topic you'd like to lead for an upcoming call, please email **Gunthardt.Kristen@epamail.epa.gov**
- EPA would like to hear comments you have on the quality of these conference calls. Please send them to **storet@epa.gov**
- Please subscribe to the STORET automated listserver for announcements regarding conference calls: **http://www.epa.gov/storet/listserv.html**

WQX Web Version 2.0 Released – Kristen Gunthardt
- List serve message went out. Released new version of WQX Web.
- Large changes occurred so we went from version 1.08 to version 2.0.
- Looking toward mid next month or Jan to have demo webinar of WQX Web.
- We will be reviewing the slide show at: http://www.epa.gov/storet/download/wqxweb_v2_screen_shots.ppt
- There were 4 major enhancements and 1 minor functionality change as a part of the WQX Web v2.0 release.
- This does not impact the WQX Web Template.
- New options in blue side bar, Downloadable lookup tables – tab delimited text files will be the result, Logout time indicator found at bottom blue side bar, enhanced error checking – all validation and business rules checked on import rather than separtely – no longer should get failed at CDX, Validation Error Table - "Other" link tracks business rules errors after import, event log really contains errors but main steps to import and submit remain the same.
- New search/list pages allow you to see what has been uploaded into WQX including projects, monitoring locations, activities, results, activity groups, bio/habitat indices.
- Kevin Christian clarified that these search/list pages are from operational WQX database, so it is both just submitted data and previously submitted database.
- Kevin Christian noted that even though WQX Web is intended for small data flows one small other feature of WQX Web (previously released) is that it can submit an XML file. This gives you a web client interface with WQX. For example, a contractor can create an xml file for you and you can submit it.
- Sue McCarthy from Region 10 – Do you have a size limit on xml files. Kevin said no size limit. Kristen, noted that 80 Mb is the size limit for zipped or raw file in the WQX Flow Configuration Document.
- Johnnie in Region 4 asked if this is tested up to 80 Mb. Kristen said that there has not been a lot of testing against this size limit.

WQX Domain Value Public Web Services – Kristen Gunthardt
- Suite of public services to download domain values may be useful for people who can consume web services. You don't need to have WQX Web account of NAAS account.
- We will post on STORET website a list of all domains that you can access. This means that EPA will supply links to domain values that are cached

every 24 hours. This will be on both WQX portion and Webservices portions of the website.
- Data output will be the same as from within the exchange network.
- Sue McCarthy from Region 10 asked if it will be just additional links Webservices page. Kristen responded yes and there will be reference to them off of the WQX Resources page. Kevin said that this requirement was spawned by not having an WQX, CDX, or WQX Web account, but needing the domains.

Weekly STORET Warehouse Refresh E-mail Inventory Report – Kevin Christian
- STORET Warehouse weekly refresh report is the first draft attempt to inventory the incremental/weekly transactions from WQX to the warehouse.
- Report highlights organizations, project, document graphics and any new organizations. Simple text report. Will be automated in 2011 directly after ETL event, which happens at about 8 pm eastern time.
- Preliminarily revealed ETL issues. Allowed us to Internally and Externally QA/QC the refresh. End users can verify that their updates were transferred. Can be tracked by number of records of projects, monitoring locations and activities that have been transferred. Compare WQX processing report and Warehouse processing report.
- Got positive feedback, so far, on usage.
- Allows peer to peer consultation, as well, because you see activity of other organizations.
- Johnnie Purify at Region 4 – Likes report, but have small consistency issues. Kevin said because of recent holiday there were slight issues. Had to resend, but did not get report dated correctly. Resend was reflects November 3rd – 10th. The other that flatly states "STORET Warehouse" is November 10th -17th. Kevin prefers plain text for report.

Upcoming STORET Warehouse Query Application Updates – Kristen Gunthardt
- Planning to have some enhancements done on the STORET Warehouse Query Application Interface to be delivered around the end of December.
- Kevin mentioned the requirements as enhancements to flexibility and geographical issues with state and HUC selection. There will be the options to select multiple states and HUCs.
- We are trying to put all filters on one page: geographical, station, and project filters will be on same page, as well as biological, station type, etc.
- Will still have 2 pathways, station report and result report, but have all filters available on 1 page. This will allow the user more flexability for user.
- Will be able to select multiple organizations. Will be able to filter both HUC and Organization.
- Organization type will be added to filters.
- This application is usually used to benchmark the QA/QC of our other services.
- Johnnie Purify from Region 4 – Are you looking at possibly looking at expanding out put to other platforms, for example Google Earth? Kevin answered that this may be something that may be supported by our webservices. External customers can do this on their own if they can consume a web service. The direction is to get away from direct warehouse link and toward web services. There are true spatial services. Current ESRI web services that will display all stations. All services hit off of warehouse. Services off of WQX database are to support submission.
- Johnnie Purify from Region 4 – MDEQ report had blob count of 12. Are people sending graphics? Kevin said that folks are sending in attachments. WQX supports document graphics, data logger files, etc.

- **Kristen mentioned about geospatial web services. We can resend urls about lat/longs or georeferencing service to medium resolution NHDPlus. Kevin mentioned that spatial services are hosted separately from other web services, so we should check to make sure our public website has a link to these webservices.**
- **Sue McCarthy from Region 10 suggested noting that services are scale dependent and identify the scale. Also reference geospatial services on webservices page.**

Q and A

Q: Any upcoming meetings that you can tell us about?
A: No large upcoming meetings. April 26th – 28th in Denver, Exchange Network meeting
Q: What about STORET meeting?
A: Kevin noted that due to budget cuts the STORET meeting is on the first tier of budget cuts. Must be fully committed, not partially. We are aware of the need to have this.

Participants on call (based on who emailed storet@epa.gov)

Jim Hudson	Wisconsin Department of Natural Resources
Elizabeth Florom	South Carolina Department of Health and Environmental Control
Dean Tucker	National Park Service
Roger Stewart	Virginia Department of Environmental Quality
Jolene McQuillan	Montana Department of Environmental Quality
Richard Frazier	Pyramid Lake Paiute Tribe
Paul Morton	New Jersey Department of Environmental Protection
Deb Soule	New Hampshire Department of Environmental Services
Johnnie Purify	EPA R4
Michael Whitman	West Virginia Department of Environmental Protection
Melissa Miracle	Kentucky Department for Environmental Protection
Erik Richards	CGI Federal
Bruce Tuttle	Idaho Department of Water Resources
Thomas Dallaire	Massachusetts Department of Environmental Protection
Molly Pulket	Pennsylvania Department of Environmental Protection
Osa Odum	Northwest Indian Fisheries Commission
Susan Moore	CH2M Hill
Sue McCarthy	EPA R10
Arne Sjodin	Colorado Department of Public Health and Environment
Andrea Thomas	North Carolina Department of Environment and Natural Resources
Donald Kean	North Carolina Department of Environment and Natural Resources
Paul Koska	EPA R6
Lisa Schwenning	Florida Department of Environmental Protection
Jon Becker	EPA R4
Paul Andrews	RTI International