Colorado Data Sharing Network
CWQMC COLORADO WATER QUALITY MONITORING COUNCIL
Lynn Padgett/Jeff Litteral, Project Coordinators (970) 626-4045 PO Box 113 Ridgway, CO 81432
www.ColoradoWaterQuality.org

1) Export data out of Ambient Water Quality Monitoring Systems (AWQMS) for period of record desired (**note**: the length of time to export data is dependent on the amount of data being exported. Gold Systems, the contractor who migrated the data from STORET to AWQMS, stated this could be 8-9 hours for 100,000 records).

a) Open AWQMS www.cdsn.awqms.com
b) Select AWQMS Applications
c) Login to main AWQMS (alternatively, you can explore the demo/test drive version using user id: demo; password: demo)
d) Your previous WebSim username/orgid and password will apply to the new system, if you need a password reminder please email us cdsn@mtngeogeek.com
e) Select Data Analysis
f) Select under Export Data – Standard export selection. **Note**: the Crosstab/Excel function is currently being repaired and only returns sample results, you must use the Standard function to check all of your data.
g) Choose: a)Organization b)Refresh Locations-choose desired stations
c) Choose date range d) Select sample status (generally final)
e) Select desired characteristics f) Choose proper activity type

Note: For multi-select lists use Ctrl+Click or Shift+Click to select more than one option.
Note: Choose Continue (**not Return**, this will take you back to main menu)

2) Data will export in a zipped flat file format called Standard Export, click on file to save to hard drive (suggestion: since all files are in a folder named Standard Export , it might be easier to track each export by changing the folder name to match file org and or project id with time frame, i.e. CDSN_1009)

3) Extract the flat file and save (again we suggest it may be helpful to rename). Right click on file and open with excel (will have to adjust column widths). **Note**: The format given unfortunately has every column available to AWQMS system, so empty columns will have to be deleted.

4) Compare data in new Excel file to either last data upload or backup of data on your organization's backup files. Alternatively you can download the same period of record from the still active link to the regional STORET warehouse accessed via:

http://codsn.goldsystems.com

a) Select STORET Regional Warehouse
b) Select Org ID and Project desired
c) Choose date period of interest
d) Activity Medium
e) If no individual characteristics are selected, i.e. if field left blank all characteristics will be chosen by default
f) Select continue and download file

Note: Due to random sorting from STORET export, it may be easier to compare AWQMS data to archived Excel data uploads previously submitted through WebSim off of your hard drive.

5) QA/QC the compared data to a level your organization is comfortable with, we suggest at least 10% from multiple data sets. The contractor who performed the migration stated other organizations who have completed their data check have not reported any problems.
6) We are forwarding a 'data migration assumption' file the contractor provided stating any assumptions made during the data migration specific to your organization. The majority of these migration differences are related to the detection limit and the way the new system, AWQMS handles values outside of detection limits.

   Non-detect values are no longer reported as '*Non-detect', so the new system had to import those values in the new format of leaving the **Result Value** blank and populating **Detection Limit** and **Units** and a **Detection Type** (from lookup tables in AWQMS) and a detection condition provided in the template (located at: http://coloradowaterquality.org/R8_WQX_Data_Template.xls)

   The other common assumption made was labeled as 'deprecated characteristic' meaning that the characteristic name has changed in AWQMS, for instance Phosphorus as PO4" - Set to "Phosphate-phosphorus". These types of changes were made by the STORET transition committees.

So please review these files ASAP for accuracy and report any errors or questions to the Project coordinators via email cdsn@mtngeogeek.com QA/QC must be timely to be able to report issues to Gold Systems to allow timely resolution.

Gold Systems has set the deadline for any data changes for November 10, so please call 970-626-4045 or email if you need assistance.

Another suggestion we have is if you did not already make copies (as recommended via email in July), of your WebSim import configuration files, it would greatly help setting up new config files in AWQMS. Gold Systems has made this link possible just for the CDSN for October only. These are available at the old WebSim site:

http://codsn.goldsystems.com/cdsnwebsim/

again you old username and passwords should work. Select manage configurations and choose edit under desired configuration file. If you do not have a back-up of these files select the copy option and save to hard drive. Note that these files are in an awkward format- *.cfg or *.bin, that is not easily readable under most software programs and the new system will not accept uploading of the old import config files. One work around for getting the information out of the old system is to highlight all the checked columns on the manage import configurations page and select Edit > Copy. Open Excel and Edit – Paste Special and select Text. This will give you the order of columns in relation to the different data elements to match up when creating new import config files in AWQMS. **Note:** An alternative method would be to check the column headers in your previous data uploads and use those to create the new import config files, however some of the fields are not required in the new system and vice versa. Also, some example import config files have been uploaded into AWQMS system and could be customized to match your data input files.