

## Utah Division of Water Quality

### What Data is available in AWQMS?

Last updated March 11, 2015

#### Data Imports Completed

| Sampling Dates       | Description                                       | Imported              |
|----------------------|---|-----------------------|
| Jan 1974-Aug 2009    | Historical data migration from STORET into AWQMS. | June 2012             |
| New Sites in 2012    | Monitoring Locations Updated in AWQMS             | June 2013             |
| Sept 2009 – Dec 2012 | Field and Utah Public Health Lab Data             | August 2013           |
| New Sites in 2013    | Monitoring Locations Updated in AWQMS             | May 14, 2014          |
| Jan 2013 – Dec 2013  | Field Data  | March 2014 – Nov 2014 |
| Jan 2013 – Dec 2013  | Utah Public Health Lab Data                       | July 2014 – Nov 2014  |
| New Sites in 2014    | Monitoring Locations Updated in AWQMS             | Jan 18, 2015          |
| Jan 2014 – Dec 2014  | Field Data  | Jan – Feb 2015        |
| Jan 2014 – Dec 2014  | Utah Public Health Lab Data                       | Jan - Feb 2015        |
| Jul 2012 – Dec 2014  | Chem Tech Lab Results Data [Central Utah WCD]     | March 2015            |

#### Data Imports Pending

| Sampling Dates      | Description                         | Imported                   |
|---------------------|-------------------------------------|----------------------------|
| Aug 2009 – Dec 2012 | Data associated with Lakes sampling | <i>Testload Completed</i>  |
| Jan 2013 – Dec 2014 | Data associated with Lakes sampling | <i>QA/QC – in progress</i> |
|                     |                                     |                            |
| Jan 2015 – Mar 2015 | Utah Public Health Lab Data         | Plan to import May 2015    |
| Jan 2015 – Mar 2015 | Field Results Data                  | Plan to import May 2015    |

#### Data Issues – Review Completed, Implementation Underway

| Sampling Dates      | Description      | Planned |
|---------------------|------------------|---------|
| Jan 2013 – Dec 2014 | Chlorophyll Data |         |

#### Data Issues - Under Review

| Data                 | Description  | Status         |
|----------------------|--|----------------|
| Jan 1974 – Aug 2009  | Data associated with Lakes sampling – depths issue |                |
| Post-Import          | Establish QA/QC for data after importing in AWQMS  | Pending review |
| Post-Import          | Results data associated with Selenium              | Pending review |
| Import Configuration | Data associated with E. coli sampling              | Pending review |
| Import Configuration | Phytoplankton data                                 | Pending review |
| Historical           | Historical data standardization/cleanup efforts    | Pending review |

## Utah AWQMS Data Limitations

### Data available in AWQMS

Data users should be aware of the data limitations associated with data migration from STORET into AWQMS. Data quality and conversion to a newer system is limited based on the data available historically. Users should also be aware that as data continues to be imported into AWQMS, there may be issues with required information missing from a record which will not be imported until corrections can be made. UDEQ will continue to streamline the data collection process to minimize these issues.

### Special Studies

Data users should be aware that data collected for special studies and standards development are generally not released until they are vetted by additional internal quality control and scientific review. Please contact the project manager for data inquiries associated with special studies.

### Lakes Sampling Data

Data users are cautioned against using Lakes data for analysis from the above exports. Utah DWQ is continuing to identify problems with this dataset after the transition from STORET to AWQMS – specifically with the depth

measurements associated with lake samples taken at different depths. Utah DWQ performed a global clean-up to the depths associated with lake records historically, but the clean-up is still going through the validation process. If data users decide to use this dataset, the data should be used cautiously.