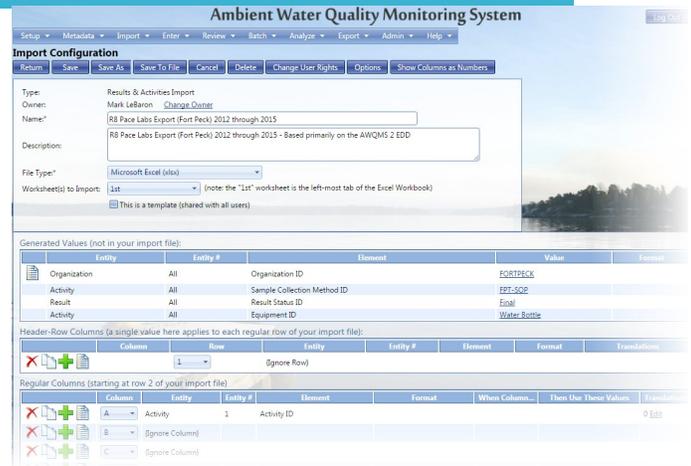


AWQMS is a comprehensive, web-based water quality data management system maintained by Gold Systems, developer of EPA's *Water Quality Exchange* (WQX), EPA's *WQX Web* data submission utility, and EPA's *ATTAINS* Exchange Network data flow.

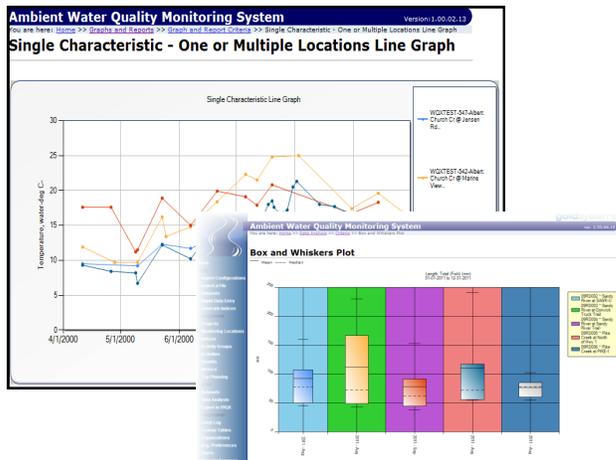


Data Input and QA/QC

- ◆ Batch-import delimited text or Excel data from many file layouts
- ◆ Manually enter data rapidly using configurable entry pages
- ◆ Make data corrections using detailed data management pages or in batch mode
- ◆ Find and resolve WQX data validation issues
- ◆ Validate results against user-provided QC thresholds and check for data consistency
- ◆ Review your data (search, sort, and filter)
- ◆ Plan your trip route locations, analytes, & bottles



Data Analysis Reports, Graphs & Maps



- ◆ Graph your data:
Line, Bar, Combined Line & Bar, Box and Whiskers, Bi-Variate Scatter Plot w/Regression Line, Cumulative Frequency w/Histogram, Index Over Time, and more!
- ◆ Plot standards/criteria on graphs
- ◆ Generate statistical and exceedance reports
- ◆ Plot locations meeting certain criteria on a map
- ◆ Plot locations having exceedances on a map
- ◆ Perform analysis of variance (ANOVA) across locations
- ◆ Provide "portal" access to your public (optional)

Data Output

- ◆ Submit water quality data to the EPA WQX via the built-in node client or your own node (supports complete, partial, and incremental data submissions)
- ◆ Find and export data for additional assessment from locations where exceedances are occurring (supports association of locations, assessment units, designated uses, and use-thresholds for characteristics)
- ◆ Search for and export data ad-hoc in Microsoft® Excel and flat-file formats

