

AquaSync™ Software by Bedrock Technologies



AquaSync™

Synchronize. Simplify. Automate.

Water and Wastewater Software Solutions



Enterprise Level Data Repository

AquaSync effortlessly integrates all your water data--regardless of the source (SCADA or DCS log files, LIMs, or Excel spreadsheets)--into one repository.

Customize and control access to the AquaSync data.

Use filters to allow you to store your process monitoring data in various ways (minimum, maximum, average, total, and more).

Specify the number of significant digits used in storing the data and in reporting. EPA rounding is available for values set to three significant digits.

Optimize Existing Spreadsheets & Databases

Your current processes can be maintained. AquaSync's Microsoft Excel data importer lets you load data from your familiar sources into the AquaSync database for integration with other data and for further comparison, analysis and reporting--all with just a few mouse clicks.

Does your data reside in databases or log files? Bedrock Technologies, Inc. will work with your staff to provide a mechanism that automatically uploads data to AquaSync at time intervals convenient for you.

Regulatory Power Tool (ReguLink)

AquaSync has a built-in database of substances earmarked by the EPA and U.S. Geological Survey for monitoring in water. It provides a complete list of synonyms, CAS numbers, chemical formulas, molecular weights and EPA physical and biological substance identifications.

Each substance, or parameter, is linked to all NEMI and EPA methods used to analyze it in water, along with a summary of detection level, bias and precision.

All NPDWR, NSDWR, LT1 and LT2 standards are available for affected parameters. Local and State wastewater and drinking water limits can be added to this linkage, providing a tailor-made regulatory reference for your current permitting and local laws.

Regulatory & Managerial Reporting

Import all your existing State and Federal Excel report templates into AquaSync, and, with a few mouse clicks, generate reports that currently take two to four weeks to create.

Create new templates—it's as easy as creating a new Excel report.

Incorporate XML reports from the regulatory agencies into AquaSync as they become required.



Secure & Flexible Deployment

Options to Acquire AquaSync:

- Purchase and install on your computer network
- Lease and install on your computer network
- Access the program via the internet

We will work with your staff to find a deployment solution that meets your security concerns and protects the integrity of your water processing equipment and data.

Statistical Analysis, Graphing, & Data Modeling

AquaSync supports the following statistical methods:

- Relative Standard Deviation (RSD)
- % Removal
- % Recovery
- % Positive/Time Period
- Distribution
- Actual Exceedences
- Statistical Exceedences
- Confidence Intervals
- Outliers
- Mann-Kendall
- Time Series
- Box and Whiskers

These statistical methods can generate custom or Excel reports.

With AquaSync's on-screen data modeler, you can perform simple or complex search queries on all your data--from process control systems, laboratories, or Excel spreadsheets--in one view that is organized in your preferred format. This on-the-fly, on-screen report can be exported to an Excel workbook, where it can be used to create report templates, time series, and graphs, or used to create what-if analysis scenarios to expand your business process know-how.



Site Time Zone: Central Standard Time (GMT - 6:00)
Adjustments made for Daylight Savings Time

Public Data Groups marked with asterisk (*) Select Data Groups:

Program Points

Point Identifier	Description
Reservoir Water Quality	Reservoir sampling point
Reservoir Physical Properties	Flow and temperature
Reservoir Pump Physical Properties	Flow



Samples

Sample ID	Date Sampled	Date Sampled	Laboratory	Container ID	Collection Method	Type	Sampler
20061-1	01/02/2006; 05:15:00	01/03/2006; 05:15:00	ANALYTEX, Analytex	YAW-1	CS, COMPOSITE SAMPLE	PW, PROCESS WATER	Troy
20062-1	01/03/2006; 05:15:00	01/04/2006; 05:15:00	ANALYTEX, Analytex	YAW-2	CS, COMPOSITE SAMPLE	PW, PROCESS WATER	Levon



Results

Sample	Date Sampled	Parameter	Detection Flag	Value	Units	MDL	Result Types	Parameter CAS	Parameter EPAID
NO SAMPLE	11/17/2006; 05:32:27	pH - SDWA - 2 Hours	Detect	7.2	pH	N/A	TRG, Target/regular result		E1640473
NO SAMPLE	11/16/2006; 11:01:33	Chlorine - 2 Hours	Detect	0.1	mg/L	0.01	TRG, Target/regular result	7782-50-5	E154328
20061-1	01/02/2006; 05:15:00	Total coliforms - Daily	ND	0	CFU/mL	0.01	TRG, Target/regular result		E761700
20061-1	01/02/2006; 05:15:00	Manganese - Daily	Detect	0.04	mg/L	N/A	TRG, Target/regular result	7439-96-5	E149625
20061-1	01/02/2006; 05:15:00	Trihalomethanes - Daily	Detect	0.07	mg/L	N/A	TRG, Target/regular result		E701045
20061-1	01/02/2006; 05:15:00	Cryptosporidium - Daily	ND	0	CFU/mL	N/A	TRG, Target/regular result		E761684
20061-1	01/02/2006; 05:15:00	Giardia lamblia - Daily	ND	0	CFU/mL	N/A	TRG, Target/regular result		E761726



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AquaSync™

Synchronize your water data tracking and analysis to simplify all of your information needs.

This comprehensive water data tracking and analysis software system will synchronize, simplify and automate your regulatory compliance, process analysis, managerial reporting and PR tasks.

AquaSync's robust features allow turnkey data modeling facilitated by a Web interface. This multi-tiered user privilege schema allows you to access and analyze your data from any locale.



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