

Aqua

Controls and SCADA Systems

The Leader in Wastewater Treatment

Aqua-Aerobic Systems, Inc. offers design and development of Electrical Control Panels and Supervisory Control And Data Acquisition (SCADA) systems, targeted for wastewater treatment equipment and processes. All Aqua Control Panels and Systems are designed, manufactured and programmed at Aqua-Aerobic Systems' headquarters in Rockford, Illinois. Panels and systems are verified through rigorous testing in Aqua-Aerobic Systems' Panel Shop or Controls Lab prior to shipment, to minimize field installation time and provide a customized, quality product to the end user.

Aqua Controls Advantages

- Designs, Configures, and Manufactures Custom Control and SCADA Systems for all Aqua Products and Plantwide Auxiliary Systems
- UL 508 Panel Shop
- Systems are Factory Tested in Aqua-Aerobic's Control Lab and Panel Shop for Quality Assurance
- Lifetime Customer Service Support



Aqua-Aerobic Systems, Inc.

System Control Panels

Applications

- AquaSBR® Systems
- Cloth Media Filter Systems
- AquaMB Process™ Membrane System
- MixAir® Systems/Aeration Control
- Plantwide Auxiliary Systems



Configurations for custom applications

Features

- Reliable Programmable Logic Controller (PLC) with Touchscreen Human Machine Interface (HMI)
- Backup Hardwired Equipment Overrides
- Pressure Transducer Level Control
- Variety of Interfaces to Third Party Systems
- Based on Allen-Bradley Controller Platform
- Available with or without Motor Starters
- Flexible Networking/Communication Options
- Upgrade Capabilities for Existing Controls

SCADA Systems

Applications

- AquaSBR® Systems
- Cloth Media Filter Systems
- AquaMB Process™ Membrane System
- MixAir® Systems/Aeration Control
- Plant Optimization



Dynamic Graphic - AquaSBR® Basin Detail Screen

Features

- Single Point of Control for Plant-wide Monitoring
- Detailed, Dynamic Graphics Depicting Equipment Status and PLC Command Status
- Simple, Intuitive Navigation Between Screens
- Historical Trending and Logging of Data
- Consolidated Alarming for All SCADA Accessed Areas
- Optional Electronic O&M Manual
- Remote Access for Operations Personnel and/or Aqua-Aerobic Support
- Upgrade Capabilities for Existing Controls

Definite Purpose Control Panels

Applications

- Aqua-Jet® Aerators
- Stand-alone Mixer or Aerator
- Equipment Local Control



Aqua-Jet® Aerator and typical Definite Purpose Control Panel

Features

- Enclosures Constructed of Nema 3R (mild steel) or Nema 4X (stainless steel)
- Operator Devices Include Selector Switches, Optional Timers and Elapsed Time Meters
- Single or Multiple Starter Configurations

Aqua-Aerobic Systems, Inc.
6306 N. Alpine Rd. • P.O. Box 2026 • Rockford, IL 61130
(Phone) 815/654-2501 • (Fax) 815/654-2508 • Toll Free 877-271-1699
Email: solutions@aqua-aerobic.com • www.aqua-aerobic.com

