

COMPANY **PROFILE** **AND CAPABILITIES**



AQUA-AEROBIC SYSTEMS, INC.
A Metawater Company

GENERAL INFORMATION

ABOUT OUR COMPANY

Aqua-Aerobic Systems is an applied engineering company specializing in adaptive water management solutions including aeration/mixing, biological processes, cloth media filtration, membranes, PFAS solutions, oxidation/disinfection and process control. Since 1969, the company has served the water and wastewater industry by providing both municipal and industrial customers around the world with advanced technologies and treatment solutions that easily adapt to changing demands. From enhanced nutrient removal to primary filtration, ultra low phosphorus removal or water reuse, Aqua-Aerobic has proven solutions that offer the lowest cost of ownership with life-time customer service.

MISSION

Protecting the World's Water.

STRATEGIC INTENT

Providing innovative and best-in-class water treatment solutions in aeration and mixing, biological processes, filtration, membranes, PFAS solutions, ozone systems and aftermarket products and services while upholding the values that have been key to our success.



James Horton
President & CEO



Kevin L. Heasley, E.I.T.
Vice President, Operations



Scott R. Willis
Vice President & Chief
Financial Officer



Joe Tardio
Vice President, Sales & Marketing



Mark Hughes, P.E.
Vice President, Technology

FACILITY / TEST FACILITY

125,000 square feet office and manufacturing (25% office space and 75% manufacturing space)

250,000 gallon (950 m³) test tank
55,000 gallon (209 m³) test tank

RESEARCH & TECHNOLOGY CENTER

Located at Four Rivers Sanitation Authority, this on-site research facility allows Aqua-Aerobic to conduct extensive research and testing on new products and process concepts.

ADVANCED PRIMARY FILTRATION

Designed to handle an average flow of 15 MGD and a peak flow of 30 MGD, our AquaPrime® Cloth Media Advanced Primary Filtration System is currently in operation at Four Rivers Sanitation Authority since 2024.

REPRESENTATION

150 Sales Representatives in the US, Canada, Mexico and throughout the world. Most are graduate engineers and have design capabilities.

MARKETS

85% United States, Canada, Virgin Islands
15% International

INSTALLATIONS

More than 10,000 installations worldwide



GENERAL INFORMATION

ENGINEERING & TECHNICAL EXPERTISE

Aqua-Aerobic Systems, Inc. has a full staff of process, mechanical and electrical engineers, product managers, R&D staff, customer service and field service specialists.

Total Employees	257 (Office and Manufacturing)	Aftermarket Service	1 Director 7 Support Personnel
Administration	9 Technical Managers & Officers		
Process Group	2 Vice Presidents	Operations	1 Vice President 1 Manager
Filtration/PFAS Solutions	3 Product Managers 1 Product Specialist	Manufacturing	1 Manager 17 Shop Employees
Biological Processes	3 Product Managers 3 Senior Process Engineers	Project Management	1 Director 1 Senior Project Manager 11 Project Managers
Oxidation & Disinfection	1 Product Manager 1 Project Application Engineer	Research & Development	1 Director 1 Manager 5 Degreed Engineers/Support Personnel
Domestic Sales	4 Regional Managers	Engineering	1 Director 2 Managers 3 Supervisors 47 Degreed Engineers/Support Personnel
International Sales	1 International Business Director 1 Latin America Regional Manager		
Industrial Sales	1 Industrial Business Director		
Application Engineering	1 Manager 1 Supervisor 7 Project Application Engineers 1 Senior Application Engineer 10 Application Engineers		
Equipment & Services Group			
Aeration & Mixing	1 Product Manager 1 Application Engineer		
Customer Service/Field Service	1 Director 1 Manager 24 Field Service Technicians 5 Independent Service Providers 3 Partner Companies		

FINANCIAL INFORMATION

Aqua-Aerobic Systems, Inc. is a well financed company with sales exceeding \$100 Million. Aqua-Aerobic Systems, Inc. also has extensive bonding capabilities.

Primary Banking	BMO Harris Bank, Rockford, Illinois
Auditors	RSM McGladrey, Rockford, Illinois



COMPANY HISTORY

In 1919, Rockford, Illinois was a rapidly growing riverfront community. Race Street, in the center of town, was home to Solem Machine Company, a respected manufacturer of woodworking equipment. As the city grew and thrived, so did the company. In 1958, larger facilities were needed and the company moved to 6306 N. Alpine Road.

In 1964, a group of investors, including Aqua-Aerobic Systems, Inc. President, John D. Brubaker (retired), purchased this well established manufacturing firm. With an eye toward the future, these investors considered the changing market needs and began expanding the product line. Soon after, the company was positioned to meet the demands of a new and growing environmental industry. In 1969, Solem Machine Company purchased Aqua-Aerobic Systems and began manufacturing its own line of surface aerators, the Aqua-Jet®. The Aqua-Jet® aerator quickly revolutionized the aerator industry, which led to the company phasing out its other product lines and shifting its focus exclusively to wastewater treatment. In 1976, that commitment resulted in Solem Machine Company's decision to legally adopt the name Aqua-Aerobic Systems, Inc.

In 1989, an additional 35,000 square feet of office and manufacturing space was constructed to accommodate the company's rapid growth. Due to increased requests for Aqua's technical seminars and an increase in local business due to growth of the Chicago suburbs, Aqua-Aerobic once again expanded its facilities. In April 2005, another 25,000 square feet was added to the existing building for new, state-of-the-art seminar facilities, more meeting areas, a formal lunchroom, and new offices. The exterior of the new building is environmentally friendly, utilizing glass to promote natural heat and lighting. The existing building was renovated and included conversion of 4,800 square feet of office space into manufacturing space. Existing office areas were also remodeled to coincide with the interior of the new building. Construction was complete in Spring 2006 and included space for company growth. The new high-tech facilities allow Aqua-Aerobic to accommodate larger seminar audiences and to provide remote webcasts.

In 2016, Aqua-Aerobic Systems merged with Metawater Co., Ltd., (Tokyo, Japan) an international company and leading supplier of advanced water and wastewater solutions. Currently, Aqua-Aerobic employs approximately 200 persons in manufacturing, engineering, sales/marketing and administration. The company's product line includes: biological processes, aeration and mixing, cloth media filtration, membrane systems, PFAS solutions, oxidation and disinfection and process control and management.

The company's dedication to research and development ensure the availability of products to meet unique applications and changing requirements. Aqua-Aerobic has gained recognition for quality products. Our commitment to environmental preservation and product integrity ensures continued success well into the 21st century.

TRADEMARKS & PRODUCT LINE

PATENTS

Aqua-Aerobic Systems, Inc. holds 50 patents for processes and equipment used in wastewater treatment systems.

PRODUCTS AND SYSTEMS

Aeration & Mixing

Aqua-Jet® Surface Mechanical Aerator
Aqua-Jet II® Contained Flow Aerator
AquaDDM® Direct-drive Mixer
Endura® Series Limited Maintenance Product
OxyMix® Pure Oxygen Mixer
OxyStar® Aspirating Aerator
Fold-a-Float® Self-deploying Segmented Float
SAF-T Float® Safe Accessible Float Technology
TurboStar® Directional Mixer
DualStar™ Directional Mixer

Biological Processes

Aqua MixAir® Aeration System
AquaCAM-D® Combination Aerator/Mixer/Decanter
AquaSBR® Sequencing Batch Reactor
Aqua TruDense™ True Densified Sequencing Batch Reactor
AquaNereda® Aerobic Granular Sludge Technology
Aqua MSBR® Modified Sequencing Batch Reactor
AquaPASS® Phased Activated Sludge System
Aqua EnduraTube® Fine-bubble Tube Diffuser
Aqua EnduraDisc® Fine-bubble Disc Diffuser
Aqua CB-24® Coarse-bubble Diffuser

Filtration

AquaDisk® Cloth Media Filter
AquaDiamond® Cloth Media Filter
AquaDrum® Pressure Series Cloth Media Filter
Aqua MiniDisk® Cloth Media Filter
Aqua MegaDisk® Cloth Media Filter
AquaPrime® Cloth Media Filter
AquaStorm® Cloth Media Filter
OptiComb® Backwash System
OptiFiber® Cloth Filtration Media
OptiFiber PES-13® Cloth Filtration Media
OptiFiber PA2-12® Cloth Filtration Media
OptiFiber PES-14® Cloth Filtration Media

TYPICAL INDUSTRIES SERVED

- Pulp & Paper
- Food/Dairy
- Beverage
- Chemical
- Petroleum/Petrochemical
- Textile
- Energy/Utility
- Pharmaceutical

Filtration (continued)

OptiFiber PF-14® Cloth Filtration Media
OptiFiber UF-10™ Cloth Filtration Media
AquaABF® Automatic Backwash Filter

PFAS Removal Solutions

AquaPRS™ PFAS Removal System
Aqua PR-206™ PFAS Removal Sorbent

Membranes

Aqua MultiBore® P-Series Polymeric Membrane System
Aqua MultiBore® C-Series Ceramic Membrane System
AquaMB Process® Multiple-Barrier Membrane System
Aqua-Aerobic® MBR Membrane Bioreactor System

Disinfection

Aqua ElectrOzone® F-Series Ozone Generator

Controls and Monitoring

IntelliPro® Monitoring and Control System



COMMUNITY INVOLVEMENT

Aqua-Aerobic Systems takes pride in its donations to over 100 organizations.

MEMBERSHIPS

American Association of Meat Processors (AAMP)
American Membrane Technology Association (AMTA)
American Society for Quality
American Water Works Association (AWWA)
Business for the Bay
Illinois Chamber of Commerce
Illinois Manufacturers' Association
International Association on Water Quality (IAWQ)
International Desalination Association (IDA)
International Ozone Association (IOA)
National Association of Manufacturers
National Association of Clean Water Agencies
Technical Association of Pulp & Paper Industry (TAPPI)
Water Environment Federation (WEF)
Water & Wastewater Equipment Manufacturers Association (WWEMA)
WaterReuse Association
Water Design-Build Council

RECOGNITIONS

Northern Illinois Business Hall of Fame
Exporter Continuing Excellence Award
Manufacturer of the Year Award from Rockford Chamber of Commerce
Special Congressional Recognition
WWEMA Diamond Award
Outstanding Corporation Award from the City of Rockford
Innovative Technology Award from WEF - 2008, 2011
Export Achievement Certificate from the U.S. Dept. of Commerce
Confluence Partnership Honors - Aqua-Rock Business Development Project (2018)

TRAINING AND EDUCATION

Structured training seminars are conducted by Aqua-Aerobic personnel monthly, Spring through Fall. More than 30 Consulting Engineers, Plant Operators, and Municipal Officials typically attend these training seminars each month to learn about Aqua-Aerobic equipment and systems. Aqua-Aerobic Systems' engineering staff attends company sponsored seminars and workshops relating to the wastewater industry.



OFFICERS

James Horton

President & CEO

M.S. degree in Civil Engineering/Queensland University of Technology, Australia. B.S. degree in Chemical / Environmental Engineering/University of Queensland, Australia. Domestic and International experience in wastewater engineering since 1996 including positions with consulting engineer and specialty wastewater contractor.

Kevin L. Heasley, E.I.T.

Vice President, Operations

B.S. degree in Structural Design & Construction Technology/Penn State University, Harrisburg, EIT/State of Pennsylvania. Experience in large underground piping systems and wastewater since 1984.

Scott Willis

Vice President & Chief Financial Officer

M.S. degree in Business Administration and B.S. degree in Accounting/Northern Illinois University, DeKalb, IL. AAS degree in Business/Rock Valley College, Rockford, IL.

Joe Tardio

Vice President, Sales & Marketing

M.S. degree in Environmental & Waste Management/Stony Brook University, Stony Brook, NY. B.A. degree in Biological Sciences & Chemistry/University of Delaware, Newark, DE. Experience in water/wastewater industry since 2006.

Mark Hughes, P.E.

Vice President, Technology

M.S. degree in Environmental and Water Resources Engineering/The University of Texas - Austin. B.S. degree in Civil Engineering/University of Iowa, Iowa City, IA. Experience in water/wastewater industry since 2008.

ADMINISTRATIVE MANAGERS

Pamela Appino, P.H.R.

Director of Human Resources

B.S. degree in Administration of Criminal Justice/Bradley University, Peoria, IL. P.H.R. Certification from HR Certification Institute. Human Resources experience since 1991.

PROCESS GROUP

PRODUCT MANAGEMENT

Manuel de los Santos

Product Manager - Biological Processes

M.S. degree in Sanitary and Environmental Engineering/Universidad de Cantabria, Spain. B.S. degree in Civil Engineering/Universidad Nacional Pedro Henriquez Ureña, Santo Domingo, DR. Experience in water/wastewater industry since 2000.

Thea Davis

Senior Process Engineer - Biological Processes

B.S. degree in Chemical Engineering and M.S. degree in Chemical Engineering/Illinois Institute of Technology, Chicago, IL. Water Innovation Research Intern at Current Innovation. Experience in water/wastewater industry since 2019.

Brett Quimby

Product Manager - AquaNereda®

B.A. degree in Japanese Language and Literature/University of Wisconsin, Madison, WI. Experience in water/wastewater industry since 2016.

Paula Dorn

Senior Process Engineer - AquaNereda®

M.S. degree in Environmental Engineering, B.S. degree in Civil Engineering/University of Illinois, Urbana-Champaign, IL. Experience in water/wastewater industry since 2018.

Vedansh Gupta

Product Manager - AquaPrime®/AquaStorm®

B.S. degree in Chemical Engineering/Malaviya National Institute of Technology, Jaipur, India. M.S. in Civil & Environmental Engineering/University of Utah, Salt Lake City, UT. Experience in water/wastewater industry since 2018.

Josh Gable

Product Manager - Filtration

M.S. degree in Civil & Environmental Engineering University of Wisconsin, Madison, B.S degree in Biological Systems Engineering University of Wisconsin, Madison. Experience in water/wastewater industry since 2008.



EMPLOYEE PROFILES

PRODUCT MANAGEMENT (continued)

Kristy Chycota

Product Specialist - Filtration

B.S. degree in Paper Engineering - Environmental Processes/Western Michigan University, Kalamazoo, MI. 2 years experience in Product Management at Englewood and 4 years at Beloit Corporation as a process engineer. Experience in water/wastewater industry since 2019.

John Dyson

Product Manager - PFAS Solutions

B.S. degree in Chemistry/Longwood College, Farmville, VA. Experience in water/wastewater industry since 1991.

Dave Lamphere

Product Manager - Membranes

Bachelor's Degree in Mechanical Engineering and an executive MBA from Rochester Institute of Technology (R.I.T). Experience in water/wastewater industry since 2005.

Dave Holland

Senior Process Engineer

A.A.S. degree in Technical writing/Rock Valley College, Rockford, IL. Experience in water/wastewater industry since 1979.

Yuichiro Shinoda

Product Manager - Oxidation & Disinfection

M.S. degree in Materials Science and Engineering, Yokohama National University, B.S. degree in Materials Science and Engineering, Yokohama National University. Experience in the water/wastewater industry in Japan and North America since 2001.

MARKETING

Cheryl Kunz

Director of Marketing

B.A. degree in Business Management/Ashford University, Clinton, IA. Experience in water/wastewater industry and marketing since 1989.

APPLICATION ENGINEERING

Tamera Knapp

Application Engineering Manager

B.S. degree in Environmental Engineering/Michigan Technological University. B.S. degree in Environmental Liberal Arts/Northland College, Ashland, WI. Experience in water/wastewater industry since 2004.

Angelica Davila, E.I.T.

Application Engineering Supervisor

B.S. degree in Environmental Engineering/University of Central Florida. Experience in water/wastewater industry since 2013.

Tatiana Mazzei

Senior Project Application Engineer

M.S. degree in Engineering and minor in Production Engineering/University of Wisconsin-Milwaukee, WI. B.S. degree in Chemical Engineering/Universidad Metropolitana, Caracas, Venezuela Experience in water/wastewater industry since 2007.

Rungrod Jittawattanasat, Ph.D.

Project Application Engineer

Ph.D. degree in Civil Engineering/Polytechnic Institute of New York University. M.S. degree in Water and Wastewater Engineering/ Asia Institute of Technology, Thailand. B.S. degree in Environmental Engineering/ Chiang-Mai University, Thailand. Experience in water/wastewater industry since 1990.

Harrison DeBruler

Project Application Engineer

B.S. degree in Mechanical Engineering/University of Alabama, Tuscaloosa, AL. Experience in water/wastewater industry since 2021.

Nicholas Fortsas, E.I.T.

Project Application Engineer

B.S. degree in Chemical Engineering/University of Illinois at Urbana-Champaign, Champaign, IL. Experience in water/wastewater industry since 2019.

Mitchell McMahon

Project Application Engineer - Ozone

B.A. degree in Mechanical Engineering/Northern Illinois University. Experience in water/wastewater industry since 2022.

Bryce Hatfield

Project Application Engineer

B.S. in Chemical Engineering at Rose-Hulman Institute of Technology. Experience in water/wastewater industry since 2022.

Natalie Watson

Project Application Engineer

B.S. degree in Chemical Engineering/University of Minnesota-Duluth. Experience in water/wastewater industry since 2023.



EMPLOYEE PROFILES

APPLICATION ENGINEERING (continued)

Nick Schiavo

Project Application Engineer

B.S. degree in Chemical Engineering/Michigan Technological University. Experience in water/wastewater industry since 2023.

Michael McKenna

Senior Application Engineer

B.S. Degree in Chemical Engineering from Queens University, Belfast, Northern Ireland, and Experience in the water/wastewater industry since 2014.

Xu Ye, E.I.T.

Application Engineer

M.S. degree in Environmental Engineering/University of Wisconsin, Madison, WI. B.S. degree in Chemistry/Texas A&M University, College Station, TX. Experience in water/wastewater industry since 2016.

Takuya Sakomoto

Application Engineer

M.S. degree in Civil Engineering/Tottori University, Japan. Experience in water/wastewater industry since 2020.

Brian Huyge

Application Engineer

B.S. degree in Chemical Engineering/Rose-Hulman Institute of Technology. Experience in water/wastewater industry since 2023.

Kenta Cojerian

Application Engineer

B.S. degree in Chemical Engineering/University of Wisconsin-Madison. Experience in water/wastewater industry since 2023.

Faten Hussein, Ph.D.

Application Engineer

Ph.D degree in Civil/Environmental Engineering/Marquette University, Milwaukee, WI, M.S degree in Materials Engineering/University of Wisconsin-Milwaukee, B.S. degree in Chemical Engineering/University of Jordan. Experience in water/wastewater industry since 2017.

Kayla Stevens

Application Engineer

B.S. degree in Chemical Engineering/Ohio State University - Columbus. Experience in water/wastewater industry since 2024.

Meera Manoharan, E.I.T.

Application Engineer

B.S. degree in Biological Systems Engineering/University of Wisconsin-Madison. Experience in water/wastewater industry since 2024.

Noor Guron

Application Engineer

B.S. degree in Chemical Engineering/University of Michigan. Experience in water/wastewater industry since 2024.

Richard Santos

Application Engineer

B.S. degree in Chemical and Biomolecular Engineering/Milwaukee School of Engineering, Milwaukee, WI. Experience in water/wastewater industry since 2024.

Madison Karamagianis

Application Engineer

B.S Degree in Chemical Engineering/Iowa State University. Experience in water/wastewater industry since 2024.

REGIONAL MANAGERS

Scott Kelly

Regional Sales Manager, West

B.S. degree in Chemical Engineering and Petroleum Refining/Colorado School of Mines, Golden, CO. Experience in water/wastewater industry since 1991.

Jamey Steffen, P.E., BCEE

Regional Sales Manager, Southeast

M.S. degree in Civil/Environmental Engineering University of Iowa. Experience in water/wastewater industry since 2000.

Michael Brown

Regional Sales Manager, Northeast

B.A. degree in Professional Writing Kutztown University, Kutztown, PA. Experience in water/wastewater industry since 2005.



EMPLOYEE PROFILES

REGIONAL MANAGERS (continued)

Steve Stanish

Regional Sales Manager, Midwest

B.A. degree in Business Administration/Washington & Jefferson College, Washington, PA. Experience in water/wastewater industry since 1996.

Dave Fisher, P.E., MBA

Director of International Business/Canadian Business

B.S. degree in Civil Engineering and M.B. in Business Administration/Brigham Young University. Experience in water/wastewater industry since 1991.

Tatiana Mazzei

Regional Manager - Latin America

M.S. degree in Engineering and minor in Production Engineering/University of Wisconsin-Milwaukee, WI. B.S. degree in Chemical Engineering/Universidad Metropolitana, Caracas, Venezuela. Experience in water/wastewater industry since 2007.

William Lenz

Director of Industrial Sales

William is a University of South Carolina graduate and has extensive experience in the industrial sector with more than 18 years of experience within the water, air, and sound compliance space. His relationships span across several industries including power, paper, petrochemical, food processing and manufacturing.

OPERATIONS GROUP

Kevin L. Heasley, E.I.T.

Vice President, Operations

B.S. degree in Structural Design & Construction Technology/Penn State University, Harrisburg, EIT/State of Pennsylvania. Experience in large underground piping systems and water/wastewater industry since 1984.

James Hamilton

Operations Manager

Extensive experience in Plant Operations and Management including Material Planning, Inventory, Manufacturing Engineering, Maintenance, Quality, Shipping/Receiving, Administration, and Safety. B.S. degree in Business Administration, Cardinal Stritch University, Milwaukee, WI.

PROJECT MANAGEMENT

Blake Hoffmann

Director, Project Management

B.S. degree in Business Management and Marketing/Edgewood College, Madison, WI. B.S. degree in Mechanical Engineering/University of Wisconsin-Platteville, WI. Experience in water/wastewater industry since 2018.

Shawn Butterfield

Project Manager

A.A.S. degree in Science Engineering (Electronic/Electrical Drafting)/Wisconsin School of Electronics (now Herzing University). Experience in water/wastewater industry since 2018.

Tom Fenton

Senior Project Manager

A.A.S. degree in Civil Engineering/Williamsport College, Williamsport, PA. Experience in Project Management (including Accounting, Field Service, and Manufacturing) since 1994.

Traci Kreitzman

Project Manager

Attended Marquette University. Experience in Supply Chain and New Product Development since 1998.

Stephen Yalung

Project Manager

A.A.S. degree in Design and Drafting/Illinois Valley Community College, Oglesby, IL. Experience in water/wastewater industry since 2019.

Jeff Alaniz

Project Manager

B.S. degree in Business Management/Saint Leo University, FL.

Jim Evans

Project Manager

B.S. degree in Marketing/Illinois State University. Experience in customer service since 1992.

Mike Swartz

Project Manager

B.A. degree in Business Management/Rockford University, Rockford, IL. Experience in customer service since 2015.



EMPLOYEE PROFILES

RESEARCH & DEVELOPMENT

Terrence Reid, P.E.

Director of Research & Development

M.S. degree in Product Design and Development/
Northwestern University, Evanston, IL. B.S. degree in
Civil & Environmental Engineering/University of
Wisconsin-Madison, WI. Experience in water/wastewater
industry since 1989.

Joe Campanaro

Senior R&D Engineer

M.S. degree in Environmental Engineering/New York
University, New York, NY. B.S. degree in Biology/Stony
Brook University, Stony Brook, NY.

Darryl Gravagno

Senior Research & Development Engineer

B.S. degree in Environmental Engineering/University of
Wisconsin, Platteville, WI. A.A.S. degree in Science,
Rock Valley College, Rockford, IL. Experience in water/
wastewater industry since 2015.

Chris Kurshinsky

Research & Development Technical Systems Supervisor

Experience with product development since 1995.
Engineering Supervisor R&C Test Lab from 2010-2017
and named as inventor of several patents. Experience as
Technical Center Supervisor in the automotive industry
1995-2010. Experience in water/wastewater industry
since 2017.

Christopher Roegner

Research & Development Engineer

B.S. degree in Chemical Engineering/Iowa State
University, Ames, IA.

ENGINEERING

Robert Wiegand

Engineering Director

M.B.A. degree/University of Wisconsin-Madison.
B.S. degree in Electrical Engineering Technology/
Bradley University, Peoria, IL. 10+ years experience in
paper industry with Beloit Corp. Experience in water/
wastewater industry since 2000.

Kyle Olson

Technical Training and Development Manager

Experience in Engineering and Manufacturing since
2007. Experience in water/wastewater since 2025.

ELECTRICAL STANDARDS

Gerald Schneider, P.E.

Electrical Standards Supervisor

B.S. degree in Electrical Engineering/University of
Wisconsin, Madison, WI. Experience in water/
wastewater industry since 1989.

Mike Hevey

Senior Electrical Engineer

A.A.S. degree in Electromechanical Technology/
Chippewa Valley Technical College, Eau Claire, WI.
16+ years electrical controls engineering experience
including control system and software validation and
design, development and implementation of systems
incorporating PLC, HMI, SCADA, hardware design,
power distribution and MCC specification.

Aaron Halloway

Senior Electrical Designer

B.A. degrees in Physics and Mathematics/University of
Wisconsin-Whitewater. Experience in electrical design
since 2017.

Junji Sakashita

Services & Electrical Engineer

Attended the Hiroshima Institute of Technology,
Hiroshima, Japan. Experience in the wastewater
treatment industry, specifically Ozone, since 2011 at
Fuji Electric Corp. of America/Metawater USA.

ELECTRICAL CONTRACT

Mondi Anderson

Controls Engineer

B.S. degree in Computer Science/Neumont University,
Salt Lake City, UT. Experience in water/wastewater
industry since 1998.

Brian Pass

Electrical Design Engineer - Group Lead

A.A.S. degree in Electrical/Electronic Drafting/Herzing
Institute of Technology, Madison, WI. Experience in
water/wastewater industry since 2000.

Jeff Johnson

Electrical Engineering Manager

M.B.A. degree and B.S. degree in Electrical Engineering
Technology/Northern Illinois University, DeKalb, IL.
Experience in electrical engineering since 2003.



EMPLOYEE PROFILES

ELECTRICAL CONTRACT (continued)

Kent Campbell

Senior Operations Technology Engineer

Degree in Engineering Electronic Technician/Radio College of Canada (RCC), Toronto, Canada.

Experience in water/wastewater industry since 2019.

Dave Johnson

Senior Electrical Engineer - Group Lead

B.S. degree in Electrical Engineering/Milwaukee School of Engineering, Milwaukee, WI. Experience in water/wastewater industry since 2000.

Jeremy Try

Senior Electrical Engineer - Group Lead

B.S. degree in Electrical Engineering/Southern Illinois University, Carbondale, IL. A.A.S. degree in Engineering/Rock Valley College, Rockford, IL. Experience in engineering since 1983.

Micah Carlson

Electrical Engineer

B.S. degree in Computer Science/Mathematics/Olivet Nazarene University, Bourbonnais, IL. Experience in water/wastewater since 2024.

Brad Christian

Senior Electrical Engineer

A.A.S degree Robotics/ Automation Technology, Indian Hills community College, Ottumwa, IA.

Bill Douglas

Electrical Design Engineer

B.S. degree in Electrical Engineering/University of Wisconsin-Platteville. A.A.S. degree in Mathematics and Science/University of Wisconsin at Rock County. A.S. degree in Electronic/Electrical Drafting/Wisconsin School of Electronics. Experience in electrical engineering since 2003.

Chris Guntermann

Electrical Designer

Experience in wastewater/water industry since 2022.

Samuel Costa

Electrical Designer

Experience in mechanical engineering since 2022 and water/wastewater since 2025.

Connor Johnson

Electrical Engineer

B.S. degree in Computer and Electrical Engineering/University of Wisconsin-Stout. Experience in electrical engineering since 2022.

Deborah Lewis

Electrical Designer

Experience in water/wastewater industry since 2021.

Nishant Patel

Electrical Engineer

B.S. degree in Computer Engineering/University of Illinois-Chicago (UIC), Chicago, IL. Experience in water/wastewater since 2024.

Aidan Morrison

Electrical Engineer

B.S. degree in Computer Science/Western Governors University, Milcreek, UT. A.A.S./Rock Valley College, Rockford, IL. Experience in control system engineering since 2023, water/wastewater since 2024.

Edi Schardl

Senior Electrical Engineer

B.A. degree in Business Administration/SFB Rapperswil, Switzerland. B.S. degree in Electrical Engineering/Juventus Engineering School Zürich, Switzerland. Experience in programming and engineering since 1985.

Leeroy Majewicz

Electrical Engineer

A.A.S. degree in Maintenance Technology/Elgin Community College, Elgin, IL. Experience in water/wastewater industry since 2021.

Daniel Rodriguez

Electrical Engineer

B.S. degree in Mechatronics Engineering/Northern Illinois University, Dekalb, IL. Experience in water/wastewater industry since 2025.

Leslie Vandre

Electrical Design Engineer

A.A.S. degree in Math and Science/Kishwaukee College, Malta, IL. Controls design experience since 1993, Experience in water/Wastewater industry since 2025.



EMPLOYEE PROFILES

MECHANICAL STANDARDS

David Smith

Mechanical Engineering Manager

B.S. degree in Mechanical Engineering/University of Wisconsin-Madison. Experience in wastewater since 2000. Experience in mechanical design engineering and development since 1986, including 4 years at Beloit Corporation. Received patents for tissue machine equipment.

Devon Bockhop

Senior Mechanical Designer

A.A.S. degree in Drafting and Design/Morrison Institute of Technology, Morrison, IL. Experience in water/wastewater industry since 2019.

Marcus Ippolito

Mechanical Designer

Experience in machine tool technologies since 2021 and manufacture engineering since 2024.

Ethan Wicks

Mechanical Engineer

B.S. degree in Biomedical Engineering/University of Iowa, Iowa City, IA. Experience in mechanical engineering since 2021. Experience in water/wastewater industry since 2025.

Noah Dellamater

Mechanical Engineer

B.S. degree in Mechanical Engineering/Olivet Nazarene University, Bourbonnais, IL. Experience in water/wastewater industry since 2019.

Luke Enser

Aftermarket Support Engineer

B.S. degree in Mechanical Engineering/Northern Illinois University, DeKalb, IL. A.A.S. Sciences/Rock Valley College, Rockford, IL. Experience in water/wastewater since 2025.

Mike Schmitz

Principal Engineer

B.S. degree in Mechanical Engineering/University of Wisconsin, Milwaukee, WI. Experience in water/wastewater industry since 2008.

Brant Uppenkamp

Mechanical Designer

A.A.S. degree in Mechanical Design/Blackhawk Technical College. A.A.S. degree in Architectural Design/Milwaukee Area Technical College. Experience in water/wastewater industry since 2012.

Edward Wright

Manufacturing Support Engineer

B.S. degree in Mechanical Engineering/University of Houston, Houston, TX. Experience in mechanical engineering since 2016, water/wastewater since 2024.

MECHANICAL CONTRACT

Dan Durdan

Manager, Contract Engineering & Estimating

A.A.S. degree in Mechanical Engineering/IL Valley Community College, Oglesby, IL. Experience in water/wastewater industry since 2005.

Tim Austin

Senior Mechanical Designer

A.A.S. degree in Computer Aided Mechanical Design/Rock Valley College, Rockford, IL. Experience in design engineering since 1997.

Beth Bahr

Senior Mechanical Designer

A.A.S. degree in Mechanical Engineering/Blackhawk Technical College, Janesville, WI. Experience in water/wastewater industry since 2001.

Chris Carlson

Design Engineer

A.A.S. degree in Engineering Technology-Design and Drafting/Morrison Institute of Technology, Morrison, IL. Experience in water/wastewater industry since 2007.

Scott Howarth

Contract Engineering Supervisor

A.A.S. degree in Mechanical Drafting/Morrison Institute of Technology, Morrison, IL. Drafting experience since 2002.

Nate Haug

Contract Engineering Supervisor

B.S. Manufacturing Engineering Technology/Northern Illinois University, DeKalb, IL. Experience in mechanical engineering since 2012, water/wastewater since 2024.



EMPLOYEE PROFILES

MECHANICAL CONTRACT (continued)

Thomas Kubalewski

Mechanical Engineer

B.S. degree in Mechanical Engineering/Northern Illinois University, DeKalb, IL. Experience in design engineering and manufacturing design since 2007.

Troy Lieb

Mechanical Designer

A.A.S. degrees in Mechanical Engineering Technology and Mechanical Design/Highland Community College, Freeport, IL. Experience in mechanical design since 2006.

Matthew Martineau

Mechanical Designer

M.S. degree in Engineering Technology/Purdue University, West Lafayette, IN. B.S. degree in Applied Manufacturing Technology/Northern Illinois University, DeKalb, IL. A.A.S. degree in Manufacturing Engineering Technology/Rock Valley College, Rockford, IL. A.O.S. degree in Computer-Aided Drafting/Hamilton Technical College, Davenport, IA. Experience in mechanical design since 2007. Experience in water/wastewater industry since 2022.

Darshil Choksi

Mechanical Designer

B.S. Mechanical Engineering/University of Alabama, Huntsville, AL. Experience in water/wastewater since 2022

Joseph Massari

Design Engineer

A.A.S. degree in Machine Design Technology/Rock Valley College, Rockford, IL. Mechanical and design experience since 1979. Experience in water/wastewater industry since 2002.

Alex Neisewander

Mechanical Designer

Experience in mechanical design since 2017. Experience in water/wastewater industry since 2023.

Joe Wakefield

Mechanical Designer

B.S. degree in Mechanical Engineering/Michigan Technological University, Houghton, MI. Experience in mechanical design since 1993.

Ray Watkins

Mechanical Designer

A.A.S. degrees for Mechanical Design and Industrial Design Technician/Blackhawk Technical College, Janesville, WI. Experience in mechanical design since 2005.

Bryce Worley

Mechanical Designer

Attended ITT Tech-online. Attended Morrison Institute of Technology, Morrison, IL. Experience in water/wastewater industry since 2021.

Jay Jochheim

Mechanical Designer

B.S. Mechanical Engineering/Rose-Hulman Inst. of Technology, Terre Haute, IN. Experience in water/wastewater since 2024.

ESTIMATING

Ali Groen

Cost Estimating Supervisor

A.A.S. degree in Construction Technology/Morrison Institute of Technology, Morrison, IL. Experience in water/wastewater industry since 2008.

Zach Dal Pra

Design Analyst

B.S. degree in Mechanical Engineering/Michigan Technological University, Houghton, MI. Experience in water/wastewater industry since 2023.

Josh Layman

Design Analyst

A.A.S. Mechanical Engineering & Industrial Design Certificate/Oakton Community College, Des Plaines, IL. A.A.S. Electronics Communication and Engineering/ITT Technical Institute, Experience in water/wastewater since 2024.

Scott Tripp

Senior Design Analyst

Experience in Engineering since 1989. Experience in water/wastewater industry since 1995.

Ramiro Verastegui

Design Analyst

A.A.S. Manufacturing Engineering Technology/Rock Valley College, Rockford, IL. Experience in water/wastewater since 2025

ESTIMATING (continued)

Jordan Van Barriger

Design Analyst

B.S. degree in Mechanical Engineering, Olivet Nazarene University, Bourbonnais, IL. A.A.S. degree in Science and Engineering, Waubensee Community College, Sugar Grove, IL. Experience in water/wastewater since 2025.

EQUIPMENT AND SERVICES GROUP

AERATION & MIXING

Loryn Martin

Product Manager - Aeration & Mixing Technologies

M.B.A. degree in Business Administration/University of Phoenix, Phoenix, AZ. B.A. degree in Communication with emphasis on Public Speaking/ Loyola University, Chicago, IL. A.A.S. degree/Rock Valley College, Rockford, IL. Experience in water/wastewater industry since 2013.

Zachery Swanson

Application Engineer

B.S. degree in Mechanical Engineering/Northern Illinois University, DeKalb, IL. Experience in water/wastewater industry since 2023.

CUSTOMER SERVICE

Stephanie Duchow

Director of Customer Service

A.S. degree of Rock Valley College. Experience in aftermarket and manufacturing customer service since 2014 including parts, service, repairs and retrofits.

Tyrone Pratt

Customer Service Manager

B.S. degree in Marketing/Southern Illinois University, Carbondale, IL. Experience in Field Service/ Journeyman Electrician for industrial, commercial and residential since 1987.

Evan Price

Customer Service Process Specialist

M.S. degree and B.S. degree in Biological Systems Engineering/University of Wisconsin-Madison, WI. Experience in water/wastewater industry since 2018.

Michael Spragg

Technical Support Specialist

Experience with submarine maintenance for 20 years in the Navy. Experience as a Field Service Engineer for 13 years. Experience in water/wastewater industry since 2019.

Dean Woyak

Customer Service Process Specialist

B.S. degree in Water Resources/University of Wisconsin-Stevens Point. Experience in water/wastewater industry since 1994.

FIELD SERVICE

Curt Larson

Senior Field Service Specialist

Experience in water/wastewater industry since 2003.

Benjamin Morton

Senior Field Service Specialist

PA DEP Wastewater Certificate. Experience in water/wastewater industry since 1998.

Tom Mowery

Senior Field Service Specialist

Experience in water/wastewater industry since 1996.

John Edelen

Field Service Specialist

B.S. degree in Science & Business Administration/ University of Central Florida, Orlando, FL. Experience in Field Service since 1998.

Tony Smith

Senior Field Service Specialist

A.A.S. degree in Electronics Engineering Technology/ITT Technical Institute, Norwood, OH. Experience in water/wastewater industry since 2003.

Mike Rushing

Field Service Specialist

B.S. degree in Biology/University of North Texas, Denton, TX. Experience in water/wastewater industry since 1999.

Edward Sanchez

Field Service Specialist

Certified in Mechanical Technology. Experience in field service since 2000.



EMPLOYEE PROFILES

FIELD SERVICE (continued)

Anthony Hart

Field Service Specialist

Cerfited in Industrial Electrical. Experience in field service since 2019.

Aridane Rodriguez

Field Service Specialist

A.A.S. degrees in Graphic Design and Industrial Controls and Robotics/Dunwoody College of Technology. Experience in field service since 2018.

Camilo Rodriguez

Field Service Specialist

A.S. degree in Specialized Technology, Maintenance Electricity and Construction Technology/Triangle Tech Bethlehem, PA. Experience in field service since 2018.

Jackson Blacketer

Field Service Specialist

A.A.S. degree in Instrumentation and Computerized Control Systems/Texas State Technical College, Waco, TX. Experience in electronics technology since 2015.

Jeff Wheaton III

Field Service Specialist

A.A.S. degree in Applied Science/ITT Technical Institute, Houston, TX. Experience in Field Service since 2014.

Christopher White

Field Service Specialist

Experience in water/wastewater industry since 2020.

Raymond Ayala

Field Service Specialist

A.S. degree in Electronics. Experience in mechanical and electronic repair since 2003

Joshua Frieze

Field Service Specialist

B.S. degree in Electronics Engineering Technology. Experience in field service since 2007 and in water/wastewater industry since 2018.

Richard Rutherford

Field Service Specialist

Experience in field service for electrical and mechanical systems since 2005.

Ryan Maldonado

Field Service Specialist

Experience in field service in water/wastewater industry since 2014.

Cristen Jones

Field Service Specialist

Experience in water/wastewater industry since 2021.

AFTERMARKET SERVICES

Paul Klebs

Director, Aftermarket Sales

B.S. degree in Chemistry/University of Wisconsin-Madison, WI. Graduate coursework in Environmental Studies/University of Wisconsin-Green Bay, WI. Certified operator in the state of Wisconsin. Experience in water/wastewater industry since 1992.

Tim Lamont

Senior Aftermarket Sales Representative

B.S. degree in Geology/University of Illinois, Urbana-Champaign, IL. Experience in Sales and Customer Service since 2000. 5 years experience with retail and manufacturing in the electrical industry.

Thomas Mangione

Aftermarket Senior Sales Engineer

B.S. in Chemical Engineering/University of Houston, Houston, TX. Experience in Water/Wastewater since 2000.

Michaela Villarreal

Aftermarket Sales Supervisor

B.A. degree in Business Administration from Ashford University. Experience in Sales and Customer Service since 2010. Experience in Water and Wastewater Sales and Customer Service since 2018.

Denise Boehm

Aftermarket Sales Representative

Experience in Customer Service in HVAC, packaging and processing equipment and wastewater since 2000.

Leann Torrisi

Administration Assistant for Aftermarket Sales

Experience in administrative assistance since 2004.



EMPLOYEE PROFILES

AFTERMARKET SERVICES (continued)

Denise Uchacz*Aftermarket Sales Representative*

Associates in Arts degree. Experience in water/wastewater industry since 2015 with previous experience in inside sales and customer service.

Mariano Rosado*Aftermarket Rental Fleet Supervisor*

Experience in product development and manufacturing initiatives and collaborating with the engineering departments to design and refine machined products and manufacturing procedures.



AQUA-AEROBIC SYSTEMS, INC.
A Metawater Company

6306 N. Alpine Rd.
Loves Park, IL 61111-7655
p 815.654.2501 f 815.654.2508
www.aqua-aerobic.com
solutions@aqua-aerobic.com