

Central & North Florida Office L. Todd Shaw, PE LTS@TrippenseeShaw.com Phone: 407.222.0575 South Florida Office Lorri Anne Barnett LAB@TrippenseeShaw.com Phone: 863.835.0952

We proudly represent the following manufacturers:

Afton Pumps, Inc. – World leader in custom fabricated steel and stainless steel Vertical Medium Pressure Pumps, High Pressure Pumps, In-line Centrifugal Pumps, and Power Recovery Turbines. All Afton pumps are manufactured to rigorous API Standards resulting in class-leading reliability and low life cycle cost of ownership.

American Structures, Inc. – American Structures, Inc. specializes in the design, manufacture and erection of bolted, stainless steel, and glass-fused-to-steel storage tanks for potable, non-potable, and industrial applications. American Structures also has some availability of preowned tanks for relocation. In addition to bolted tanks, other complimentary products include aluminum geodesic domes, stainless steel roofs, and miscellaneous metal fabrication such as manways, catwalks, roof hatches, ladders, platforms, baffle walls, bridges for mixers, cages, and weirs. When compared to prestressed concrete tanks and tanks of alternative metals, bolted stainless steel tanks offer a superior life expectancy of 40+ years, expandable designs for future growth, are maintenance free, and are 100-percent recyclable.

Anaergia Services – Omnivore™ High Solids Anaerobic Digestion and Co-Digestion Systems able to operate up to 14% TS Feed Solids and provide 300% Digester Capacity Increase (or Reduce Digester Size to 1/3 for New Digester); SST Sludge Screw Thickener; PSM Digester Mixing System with Gas Tight Service Box, Adjustable Guide Rail & Carriage, and Intelligent Mixer Control System; Biosolids Biochar (BSBC) System/Pyrolysis Solution; BUG Biogas Revalorization System; Biogas and Renewable Energy Recovery Systems; and PyroSys™ Pyrolysis Nutrient and Digestate Management Solutions to create Marketable Products from Biosolids and Eliminate Disposal Costs.

CentriTEK (Industrial Centrifuge Specialists) – Decanter centrifuge service and repair specialists providing high quality service and repairs for all brands including *Alfa Laval-Sharples*, *Andritz-Bird-Humboldt*, *Centrysys*, *Flottweg*, *GEA-Westfalia*, and *Hiller-US Filter*. Centrifuge rentals also available.



ClearStream Environmental, Inc. – Center Feed Clarifiers including Spiral Blade, Segmented Rake, Suction Header and Suction Pipe Type; Pinion Bearing Drives; Solids Contact Clarifiers, Gravity Sludge Thickeners, Thickener Bridges; Digester Covers including Fixed Beam, Gasholder Beam, Buoyant Floating Truss, Gasholder Truss, and Dual Membrane; SBRs, Jet Aeration Systems, and Continuous Loop Reactors.

Cox Research & Technologies, Inc. – Cox® Research intrinsically safe and "green" Opti-Float Level Detector®, FEMA approved CAMO® System Control Panels.

DeLoach Industries, Inc. – Forced Draft Degasifiers, Induced Draft Degasfiers, Wet Chemical Scrubbers, Biological Scrubbers/Odor Control Systems, Tray Cascade/Cone Aerators, Pressure Filters, PFAS Filtration System, IX System, FRP Tanks, Chemical Storage tanks (FRP/HDPE/PP), Greensand Filters, FRP Handrails, Ductwork, Walkways, and Platforms.

Ecologix Environmental Systems – Alpharetta, Georgia located supplier of Multi-Plate Screw Press (MPSP) dewatering technology, inclined plate/tube clarifiers, packaged enhanced DAF systems, and integrated packaged treatment solutions.

Fibracast – The Fibracast FibrePlate[™] advanced MBR is an innovative membrane solution comprised of a hybrid of Flate Plate and Hollow Fiber membranes technologies. FibrePlate[™] offers enhanced performance when compared to other MBRs for either greenfield or retrofit applications, with tangible benefits including smaller footprint, higher flow density, better control, and reduced operating costs through innovative hydraulics and dual scouring technologies.

Genesis Water Technologies – Carbon Filtration Systems, Elecro-coagulation Technology, Advanced Oxidation Process (AOP), water treatment Medias and Flocculants including Coconut Shell Activated Carbon, Natural Zeolite Filtration Media, ZeroTurbTM Water Clarification/Flocculant Media (bioorganic medium for treatment of silt, sediment, ammonia, trace hydrocarbon, TOCs and trace heavy metals), Anthracite Filtration Media, and a suite of specialized medias for Petro-Chem Absorption, Bioremediation and Spill Applications.

Golden Harvest, Inc. – Aluminum and Stainless Steel Sluice Gates, Slide Gates, Weir Gates, Radial Gates, Flap Gates, Stop Logs, Bending Weirs, and Tide Gates.

IoT International - IoT International's Realtime Internet of Things (<u>RiOT</u>) data engine is an open architecture solution offering monitoring and predictive analytics capability for power consumption,



buildings, rotating equipment and process with the tangible benefit of cloud-based visualization on the SkyView Dashboard via tablet or smartphone. This system can enhance or replace telemetry, SCADA systems, radios and leased lines with cellular, fiber optic or other communication to increase reliability while decreasing hardware. Data is securely transmitted to the cloud with custom dashboard configuration to present data, trends, alarms, and streamline reporting.

Johnston Pumps (A Sulzer Brand) – Vertical turbine pumps, vertical mixed flow pumps, vertical propeller pumps, and axial split case double suction pumps. Sulzer Johnston pumps manufacture high flow pumps for capacities up to 250,000 gpm and high head pumps for high head applications up to 380 ft per stage.

Komline-Sanderson – Industry leading OEM for biosolids technologies including belt filter presses, gravity belt thickeners, DAF clarifiers/thickeners, indirect heat paddle dryers, Turbo-dryers® and plunger pumps.

Lakeside Equipment Corporation - CLR Process, Raptor® Fine Screen, Raptor® Micro Strainer, Raptor® Multi-Rake Bar Screen, Raptor® FalconRake Bar Screen, Raptor® Septage Acceptance Plant, Raptor® Septage Complete Plant, Raptor® Wash Press, Spiraflo Clarifier, SpiraGrit Grit Collector, Raptor® Grit Washer, Screw Pumps.

Lemna Environmental Technologies, Inc. – Water/wastewater treatment processes and products including aerated lagoon treatment systems, LemTec[™] Moving Bed Bioreactor (MBBR) technology, LemTec[™] Modular HDPE Floating Cover System, Geo-membrane system, Gas Collection Cover System, LET Polishing Reactor[™] for BNR, and Up-flow Sand Filter.

Mixtec - Top Entry Mixers, Side Entry Mixers, Portable Mixers, In-line Static Mixers, In-line Flash Mixers, Specialty Mixers, and Impeller Technology including Hydrofoils, High Viscosity, Gas Dispersion, Axial and Radial Flow Impellers.

Nuove Energie - The Nuove Energie Ultrascreen® Disk Filter for municipal wastewater tertiary filtration utilizes 316L stainless steel micron mesh for filter media. The combination of stainless filter media, proprietary Dynamic Tangential Filtration®, class-leading loading rate, and all stainless steel construction result in one of the most robust and compact filtration systems on the market. The Ultrascreen is CA Title 22 approved for reuse applications and can help meet even the most stringent discharge limits while improving downstream disinfection efficiency.

Park Process, Inc. – Dewatering Boxes including the SludgeKing™, AquaCat™, Gib Tipper™, GeoCat™, LittleTipper™, GritCat™; HydroSpin™ hydrocyclones, PolyCat™ batch and in-line polymer systems; and VortaFlow™ static mixers.



Pieralisi Group – Decanter Centrifuges and ancillary equipment including polymer feed systems, sludge pumps, static mixers, and screw conveyors.

Purestream, Inc. – Industry leader in WWTP Package Plants including AER-O-FLOW extended aeration, Biologically Engineered Single Sludge Treatment (BESST™) Process, RBCs, and SBRs. Over 16,000 package WWTP installations worldwide.

Plasti-Fab/Fiber Glass Systems — Plasti-Fab® Titeseal™ Composite Slide Gates, Stop Gates, Stop Logs, Flap Gates, Packaged Manholes, Flumes, Troughs, Launders, Baffles, Floating Decanters, and FRP Buildings/Shelters.

Precision Rotating Equipment — Drives for Clarifiers and Thickeners including Direct Shaft Drives, Direct Cage Drives, Shaft Drives, Cage Drive, Drives with Lifting Mechanisms, Dual Shaft Drives, and Rim Drives. Specialties include Precision Bearings and Main Gears. Full Turn-Key Installation Services and Extended Warranties Available.

Protectolite™ Composites, Inc. – Fiberglass reinforced plastic (FRP) weirs, troughs, Stamford baffles, scum baffles, trough covers, and clarifier covers.

Tarsco Bolted Tank (a TF Warren Company) — Global leader in Design, Supply, and Erection of open and closed top Epoxy Coated and Lined Bolted Carbon Steel Tanks, Bolted Stainless Steel Tanks, Bolted Glass-Fused-to-Steel Tanks, and Accessories including roofing systems, aluminum geodesic domes, hatches, ladders, and cages.

Tradeworks Environmental – The Tradeworks Environmental Ydro Process® microorganisms are formulated for applications including collection system FOG and H2S Reduction, enhanced BNR in the activated sludge process, increased aerobic digestion efficiency with sludge volume reduction, enhanced anaerobic digestion with increased methane/biogas production, and more effective composting through increased temperature and degradation rates.

UltraAqua UV – UV disinfection and ozone system supplier. USEPA/NWRI validated UV systems including Open Channel SS Series with 16,000 hour ULTRATHERM™ lamp, inclined Open Channel SS Series to provide up to 30% more depth options, Open Channel PP Series for saline environments such as aquaculture, Closed Vessel UV systems including (but not limited to) SSV™ Drinking Water UV Systems which offer the worlds most advanced and efficient UV disinfection technology, Medium Pressure UV systems, and AOP UV systems including the ULTRATON™ AOP Series. Ozone systems include the ULTRAQUBE™ SS Series of Ozone generators offering a scalable energy efficient high concentration ozone technology.



Wigen Water Technologies – Skid mounted and packaged process Technologies for Water Softening, Reverse Osmosis, Nanofiltration, Ultrafiltration, Demineralization, UV, Condensate Polishing, Dealkalization, Desilicization, Pressure Media Filtration, Gravity Media Filtration, GAC Contactors, and Targeted IX (for Sulfates, Nitrates, THM Precursors, Disinfection Byproducts, Perchloriate, Arsenic, Radium, Barium, and Uranium).