Municipal Water and Wastewater Processes



AERATION

Aqua-Aerobic (Floating Aerators)

APG Neuros (High Speed Turbo Blowers)

BlueInGreen, LLC, A Chart Company (Dissolved Gas

Delivery Systems: CO₂, Oxygen, Ozone)

Continental Blower, LLC (Multi-stage Centrifugal

Blowers

Evoqua Water Technologies LLC

Envirex® (Coarse/Fine Bubble, Surface, ORBAL, Swingfuser)

Jim Myers & Sons (Low Profile Cascade Aeration)

Mazzei Injector Company (Venturi Injection

Systems)

Parkson (Wyss, Hi-Ox Panels)

Robuschi/Gardner Denver (PD Blowers)

SSI Aeration, Inc. (Diffused Aeration)

Veolia (ZeeLung, Membrane Aerated Biofilm Reactor (MABR))

AIR SCRUBBERS/ODOR CONTROL

Evoqua Water Technologies LLC (Biological, Chemical,

Carbon Odor Control, Chlorine Scrubbers)

Marcab (Odor & Digester Gas)

Integrity Municipal Systems (Chlorine Scrubbers)

ASSET MANAGEMENT/TRAINING

360water, Inc. (Customized Online Operation & Maintenance Training)

BIOLOGICAL TREATMENT

Aqua-Aerobic (SBR, Mix-Air, AquaPASS)

Evoqua Water Technologies LLC

Envirex® (Orbal®, AGAR®, Verticel, Bionutre™, RBC, VLR) **Veolia** (MBR, MABR)

CHEMICAL FEED

Blue-White (Pumps & Accessories)

BlueInGreen, LLC, A Chart Company (CO₂ Injection)

Evoqua Water Technologies LLC

Wallace & Tiernan® (Water Champ, Gas, OSEC®, ClO2)

Force Flow/FloQuip (Scales, Inventory Mgmt.)

Griffco (Backpressure Valves, Pressure Relief Valves,

Calibration Columns, Pump Accessories)

Halogen Valve Systems (Chlorine Emergency Shutoff Systems)

PolyProcessing (HDXLPE Chemical Storage Tanks)

CHEMICAL FEED (cont)

Integrity Municipal Systems (Chemical Silos, Chem Feed Skids)

Mazzei Injector Company (Venturi Injection Systems)

ProMinent (Chemical Feed Pumps, ProMix Polymer Blending Units, Dry Feed, Skids) **SEEPEX** (Progressive Cavity)

COLLECTION SYSTEM

BlueInGreen, LLC, A Chart Company (Oxygen Injection)

HACH (Collection System Flow Meter Systems)

JWC Environmental®, a Sulzer Brand (Grinders,

Monster Manholes, Screens)

OpenChannelFlow (Flumes, Weirs, Metering Manholes)

COVERS

AWTT (Floating Covers)

CST (Conservatek/Temcor, Alumadome, Flat)

Evoqua Water Technologies LLC

Envirex® (Digester)

Industrial and Environmental Concepts, Inc (IEC)

(Liners & Covers for Earthen Basins)

NEFCO, Inc. (Clarifier Launders)

DIGESTION/SLUDGE STABILIZATION

Alfa Laval (Spiral and Plate Heat Exchangers)

BCR Environmental (Chemical and Thermal Sludge Stabilization, Screw Dryer, Belt Dryer)

Cambi (Thermal Hydrolysis)

Evoqua Water Technologies LLC

Envirex® (Anaerobic, Aerobic)

Veolia (Monsal Advanced Anaerobic Digestion, Belt Dryer)

Thermal Process Systems (Thermo-Systems *Solar Dryer, Thermaer, Excalibaer)

DISINFECTION

Evoqua Water Technologies LLC

Wallace & Tiernan® (Analyzers, Gas, OSEC®, ClO₂)

Nuvonic (Aquionics UV)

Pinnacle Ozone Solutions, LLC (Modular Ozone Generation)

ProMinent (Chlor/Dechlor Control, Analyzers, ORP)

Municipal Water and Wastewater Processes



FILTRATION

AdEdge, *a Chart Company* (Filtration and Specialty Contaminant Removal, Ion Exchange)

Aqseptence/Johnson Screens® (Triton Underdrains)

Aqua-Aerobic (AquaDisk, AquaDiamond)

Fluid Engineering (Strainers)

Parkson (DynaSand, Schreiber Fuzzy Filter)

Veolia (Osmonics [Nano-filtration & R.O.], ZeeWeed [Ultrafiltration])

Unifilt (Filter Media, Underdrain Repair & Installation)

GENERAL

Universal Blastco (Painting Services, Coatings and Linings, Concrete Preservation and Restoration; FRP Tanks, Pipes, and Repairs; FGD Tower Liner Installation and Repairs)

HEADWORKS/SCREENING

Aqseptence/Johnson Screens® (Passive Intake Screens, HYDROBURST)

Evoqua Water Technologies LLC

Envirex® (Traveling Water Screens)

Jim Myers & Sons (Conveyors)

JWC Environmental®, a Sulzer Brand (Muffin®,

Channel®, Auger® Monster, Screens, Compactors, IPEC Screening)

Parkson (AquaGuard, RotoPress, Hycor® Products, Schreiber Grit)

Smith & Loveless (Headworks & Grit Removal, PISTA® Grit Removal System)

WSG & Solutions (Envirex® Bar Screens & Grit Collectors)

INSTRUMENTATION & CONTROL

Emerald Coast Manufacturing (All Weather

Refrigerated Samplers)

ForTech Automation (SCADA, System Integration)

Hach /Marsh-McBirney (Flow & Sampling)

Heyward Services (System Solutions & Integration Services)

Lovibond°, a **Tintometer**° **Company** (Turbidity)

OpenChannelFlow (Flumes, Weirs, Metering Manholes)

ProMinent (Chemical Process)

MIXING

Aqua-Aerobic (Floating)

Evoqua Water Technologies LLC

Envirex® (Jet Mix)

Hayward Gordon (Turbine Mixers, HydroMix Digester) **Jim Myers & Sons, Inc.** (Walking Beam, Paddle Wheel, Turbine)

PUMPS

Hayward Gordon (ANSI Process Pumps, Hard Metal Pumps, Chopper & Screw)

Mid-America Pump & Supply (Vertical Turbine)

Patterson (Water, Wastewater, Pre-Packaged Systems)

SEEPEX, an Ingersoll Rand Company (Progressive Cavity, Schreiber Open Screw)

SEDIMENTATION/CLARIFICATION

Evoqua Water Technologies LLC

Envirex® (Clarifiers, Sludge Collection)

Jim Myers & Sons (Plate Settlers, Sludge Removal)

Innovative Treatment Products, LLC (Clarifier Clean Sweep*)

IXOM/MIEX (Color and TOC reduction, softening)

NEFCO, Inc. (Density Current Baffle, Launder Covers, Weirs/Baffles)

Parkson (Lamella, Plate Pak)

SOLIDS DRYING

BCR Environmental (Screw Dryer, Belt Dryer)

Harvest Technology, LLC (Solar Dryer)

Veolia (Belt Dryer)

STORAGE/TANKAGE

Chart Incorporated (Liquified Chemicals, CO₂, Liquid Oxygen, Vaporizors)

CST (Aluminum Dome, Flat Covers)

Dutchland Incorporated (Engineered Concrete Tanks,

Post tensioned Tanks)

Jim Myers & Sons (Sludge)

Liquid Tech Tank Systems (Bolted Stainless Steel Tanks)

PolyProcessing (Chemical)

THICKENING/DEWATERING

Alfa Laval (Centrifuges, Ashbrook Belt Presses, Ashbrook Gravity Belt Thickeners)

Evoqua Water Technologies LLC

Envirex® (DAF, Gravity, Fan Press)

Ishigaki USA, Ltd. (Screw Presses)

Orège North America (Sludge Conditioning, Treatment, Recovery)

Parkson (Hycor-Thick Tech Rotary Drum)

VALVES/VALVE ACTUATORS/GATES

GA Industries (Butterfly, Altitude, Air, Surge, Plug, Pump Control, Specialty)

Rotork (Electric & Pneumatic Actuators)

VAG USA, LLC (Valves: Double & Triple Offset Butterfly, Slanted Tiling Disc, Check)

Waterman Valve, LLC (Fabricated Slide, Cast Iron, & Water Control Gates