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

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))

Xylem + Evoqua Water Technologies LLC

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

AIR SCRUBBERS/ODOR CONTROL

Marcab (Odor & Digester Gas)

Integrity Municipal Systems (Chlorine Scrubbers)

Xylem + Evoqua Water Technologies LLC (Biological,

Chemical, Carbon Odor Control, Chlorine Scrubbers)

BIOLOGICAL TREATMENT

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

Veolia (MBR, MABR)

Xylem + Evoqua Water Technologies LLC

Envirex® (Orbal®, AGAR®, Verticel, Bionutre™, RBC, VLR)

CHEMICAL FEED

Blue-White (Pumps & Accessories)

BlueInGreen, LLC, A Chart Company (CO₂ Injection)

Force Flow/FloQuip (Scales, Inventory Mgmt.)

Griffco (Backpressure Valves, Pressure Relief Valves, Calibration Columns, Pump Accessories)

Halogen Valve Systems (Chlorine Emergency Shutoff Systems)

Integrity Municipal Systems (Chemical Silos, Chem Feed Skids)

Mazzei Injector Company (Venturi Injection Systems)

CHEMICAL FEED (cont)

PolyProcessing (HDXLPE Chemical Storage Tanks)

ProMinent (Chemical Feed Pumps, ProMix Polymer Blending Units, Dry Feed, Skids)

SEEPEX (Progressive Cavity)

Xylem + Evoqua Water Technologies LLC

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

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)

Industrial and Environmental Concepts, Inc (IEC)

(Liners & Covers for Earthen Basins)

NEFCO, Inc. (Clarifier Launders)

Xylem + Evoqua Water Technologies LLC

Envirex® (Digester)

DIGESTION/SLUDGE STABILIZATION

Alfa Laval (Spiral and Plate Heat Exchangers)

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

Cambi (Thermal Hydrolysis)

Thermal Process Systems (Thermo-Systems® Solar

Dryer, Thermaer, Excalibaer)

Veolia (Monsal Advanced Anaerobic Digestion, Belt Dryer)

Xylem + Evoqua Water Technologies LLC

Envirex® (Anaerobic, Aerobic)

DISINFECTION

Nuvonic (Aquionics UV)

Pinnacle Ozone Solutions, LLC (Modular Ozone Generation)

ProMinent (Chlor/Dechlor Control, Analyzers, ORP)

ULTRAAQUA (UV Disinfection & Ozone)

Xylem + Evoqua Water Technologies LLC

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

Municipal Water and Wastewater Processes



FILTRATION

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

Agseptence/Johnson Screens® (Triton Underdrains)

Aqua-Aerobic (AquaDisk, AquaDiamond)

Fluid Engineering (Strainers)

Parkson (DynaSand, Schreiber Fuzzy Filter)

Roberts Filter Group (Gravity Filter Underdrains,

Pressure Filtration Systems)

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)

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)

Xylem + Evoqua Water Technologies LLC

Envirex® (Traveling Water Screens)

INSTRUMENTATION & CONTROL

Emerald Coast Manufacturing (All Weather Refrigerated Samplers)

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ForTech Automation (SCADA, System Integration)

Hach /Marsh-McBirney (Flow & Sampling)

Heyward Services (System Solutions & Integration)

OpenChannelFlow (Flumes, Weirs, Metering Manholes)

ProMinent (Chemical Process)

MIXING

Aqua-Aerobic (Floating)

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

Xylem + Evoqua Water Technologies LLC

Envirex® (Jet Mix)

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

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)

Xylem + Evoqua Water Technologies LLC Envirex® (Clarifiers, Sludge Collection)

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)

Ishigaki USA, Ltd. (Screw Presses)

Orège North America (Sludge Conditioning, Treatment, Recovery)

Parkson (Hycor-Thick Tech Rotary Drum)

Xylem + Evoqua Water Technologies LLC

Envirex® (DAF, Gravity, Fan Press)

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)