

**RIORDAN MATERIALS CORPORATION**  
Main Office: 6198 Butler Pike • Suite 150 • Blue Bell, PA 19422  
Phone: 215-628-9936 • Fax: 215-628-9979  
Other Offices In: Reading • Crofton, MD

**WWW.RIORDANMAT.COM**

Carl E. Janson • Robert M. Smith • Arthur W. Auchenbach • August T. Koloras

**CALL CARL, BOB, ART, OR AUGIE FOR ALL YOUR WATER AND WASTEWATER EQUIPMENT & PROCESS NEEDS!**

## WATER TREATMENT EQUIPMENT

**PACKAGE TREATMENT PLANTS** – CBI Walker, Wagner Fluid Systems, Seccua, Siemens Memcor

**PACKAGE PUMP STATIONS, CONTROL VALVE STATIONS, & WELL BUILDINGS** – Engineered Fluid, Inc.

**WATER INTAKE SCREENS** – E&I Corp, Cook Legacy Screen

**NOZZLE CHECK VALVES** – Noreva

**WATER CONTROL GATES & VALVES** – Jash Engineering

**FLOCCULATORS** – E&I Corp., Amwell Corp.

### **CLARIFICATION**

RECTANGULAR & CIRCULAR – Amwell Corp., Ovivo (Enviroquip of TX), Siemens Davco

SOLIDS CONTACT – CBI Walker

BALLASTED PARTICULATE SYSTEM - Siemens CoMag

UPFLOW SLUDGE BLANKET – Siemens Davco

TUBE SETTLER SYSTEMS – GEA 2H Water Technologies

### **SLUDGE REMOVAL SYSTEMS**

CHAIN & FLIGHT – E&I Corp., Amwell Corp.

**CARTRIDGE & INLINE FILTERS** – Rainbird, Inc

**MEMBRANE FILTRATION** – Siemens Memcor (Pressure & Submerged Systems), Seccua (small flow systems)

### **CONVENTIONAL FILTRATION SYSTEMS**

TRAVELING BRIDGE – Siemens Davco

GRAVITY UNDERDRAINS – CBI Walker Claricone, Ovivo (Enviroquip of TX) Stainless Steel underdrains

**IRON & MANGANESE REMOVAL** – CBI Walker Claricone

### **PUMPS**

SUBMERSIBLE – Flygt/Xylem

**LIME FEED & BULK HANDLING** – EnPro

### **DISINFECTION & CHEMICAL FEED**

POLYMER & LIQUID CHEMICAL FEED SYSTEMS - Enpro Tech., Siemens Clearlogx Process

STORAGE BIN AND BAG SYSTEMS - Enpro Technologies

OZONE (ONSITE GENERATION) - Mitsubishi Corporation

UV DISINFECTION - Siemens Water Technologies, UV Pure

ON SITE HYPO GENERATION SYSTEMS - PSI MicroClor

CHLORINE GAS SCRUBBERS – Siemens Davis Process

CHEMICAL FEED & TANK MIXING – PSI Tank Shark, PHI Inc.

### **COVERS**

FIBERGLASS FLAT AND DOME – Midwestern Fabricators

## WASTEWATER TREATMENT EQUIPMENT

**PACKAGE TREATMENT PLANTS** – Amphidrome, Siemens Davco, Siemens Memcor (Memjet MBR's), Sanitherm Packaged MBR's, Wagner Fluid Systems

**SUBMERSIBLE PUMPS & MIXERS** – Flygt/Xylem

**SCREW PUMPS** – Siemens Spiralift (Open) & Internalift (Closed)

**FIELD ERECT TREATMENT PLANTS** – Siemens Davco

**GRINDERS & MACERATORS** – Franklin Miller

### **SCREENS**

AUTOMATIC BARSCREENS – Headworks Inc., Franklin Miller, E&I Corp, Ovivo (Enviroquip of TX)

SPIRAL SCREEN – Franklin Miller Spiralift, Headworks Inc.

FINE SCREEN – Headworks Inc., FilterONE AguaScreen, Ovivo (Enviroquip) Automatic Fine Bar Screen

ROTARY DRUM SCREEN – Headworks

**SEPTAGE RECEIVING STATION** – Franklin Miller, JDV

**GRIT REMOVAL SYSTEMS** – E&I Corp., FilterONE, Amwell

### **CLARIFIERS**

HIGH RATE BALLASTED CLARIFICATION – Siemens CoMag

RECTANGULAR & CIRCULAR – Amwell Corp., Ovivo (Enviroquip of TX), Siemens Davco

SOLIDS CONTACT – CBI Walker Claricone

PLATE SETTLER – Siemens

CLARIFIER CLEANING SYSTEM – Ford Hall ASA System

### **BIOLOGICAL TREATMENT EQUIPMENT**

COARSE & MEDIUM BUBBLE DIFFUSERS – Environmental Dynamics Inc. (EDI), Ovivo (Enviroquip of TX)

FINE BUBBLE DIFFUSERS – EDI Membrane & Ceramic

ANOXIC/ANAEROBIC MIXING – Flygt Submersible Mixers, PHI Inc Pulsed Hydraulics System

MECHANICAL AERATORS – EEE Aerators Inc., S&N Aeroflo BLOWERS – Piller TSC

BNR SYSTEMS – Siemens JetTech SBR, Siemens MBR, Siemens Davco, Siemens CWT BioMag Ballasted Biological Treatment, EDI, Enviroquip of TX (Symbio)

OXIDATION DITCHES – S&N Aeroflo Floating Brush Rotors

ACTIVATED CARBON – Siemens Zimpro PACT System

SEQUENCING BATCH REACTOR SYSTEMS – Siemens JetTech, Amphidrome

LAGOON SYSTEMS – Environmental Dynamics Inc. (EDI), Environmental Fabrics, Inc.

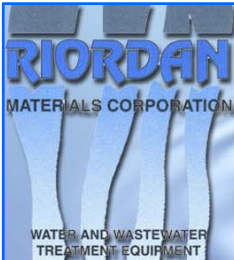
MEMBRANE BIOREACTOR – Siemens Memcor, Sanitherm, Layne Christensen

TRICKLING FILTER EQUIPMENT – Amwell (Rotary Distributors), GEA 2H (Media)

INTEGRATED FIXED FILM/ACTIVATED SLUDGE – Headworks Bio

CONT'D →

**Amwell to Zimpro!**  
Riordan Represents the Industry Leaders in  
Water & Wastewater Treatment Equipment!



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**WASTEWATER TREATMENT EQUIPMENT**

(CONTINUED)

**TERTIARY FILTERS**

- BALLASTED PARTICULATE REMOVAL SYSTEM - Siemens CoMag
- DISK FILTERS – Siemens FortyX Disk Filter
- TRAVELLING BRIDGE FILTERS – Siemens Davco
- CONTINUOUS BACKWASH FILTERS – Siemens Davco Astrasand
- DENITRIFICATION FILTERS – Siemens Astrasand & NxClear
- DOWNFLOW SHALLOW BED FILTERS – Siemens Zimpro
- PACKAGE SAND FILTERS – Siemens Davco, Siemens Zimpro
- GRAVITY SYSTEM – Enviroquip of TX
- MEMBRANE FILTRATION – Siemens Memcor

**DISINFECTION**

- POLYMER & LIQUID CHEMICAL FEED SYSTEMS - Enpro Tech.
- OZONE – Mitsubishi
- ON SITE HYPO GENERATION SYSTEMS - MicroClor
- UV – Glasco UV (vertical & horizontal), UV Pure

**ODOR CONTROL**

- WET AIR SCRUBBING – Siemens Poly Stage & Lo-Pro Systems
- BIOFILTRATION – Siemens Davis ZABOCS
- ADSORPTION SYSTEMS – Siemens Davis, Midwest Fabricators
- LIQUID PHASE TREATMENT - Siemens (Bioxide, Aquit, Odophos)
- DUCTS & STACK ASSEMBLIES – Midwest Fabricators (fiberglass)

**COVERS & STORAGE TANKS**

- FIBERGLASS FLAT AND DOME – Midwest Fabricators
- BOLTED STEEL & GLASS LINED STORAGE TANKS – CST Storage

**MISC. EQUIPMENT**

- TELESCOPING VALVES – Amwell, Ovivo (Enviroquip of TX)
- SKIMMERS – Amwell
- GREASE REMOVAL EQUIPMENT – Amwell, Tenco-Hydro
- SCUM CONCENTRATOR – Tenco-Hydro
- WWTP RETROFIT SERVICES – Siemens Davco, FilterONE USA
- STORAGE BIN AND BAG SYSTEMS - Enpro Technologies
- CONTROL GATES & VALVES - Jash Engineering

**ON-LINE BNR PROCESS CONTROL** – Siemens

**SCADA/TELEMETRY & CONTROLS** – Flygt Monitoring and Control (M&C) Pump Station SCADA

**BIOSOLIDS TREATMENT EQUIPMENT**

**AEROBIC SLUDGE DIGESTION EQUIPMENT & SYSTEMS**

- JET AERATION – Siemens JetTech
- COARSE & MEDIUM BUBBLE DIFFUSERS – Environmental Dynamics Inc. (EDI), Ovivo/Enviroquip
- FINE BUBBLE DIFFUSERS – EDI
- ATAD SYSTEMS – CBI Walker
- PRETHICKENED AEROBIC DIGESTION (PAD) SYSTEMS – Ovivo/Enviroquip
- BLOWERS (CENTRIFUGAL & P.D.) – Piller TSC (single stage)

**ANAEROBIC SLUDGE DIGESTION EQUIPMENT**

- EGG SHAPED DIGESTERS – CBI Walker
- GAS HOLDERS – CBI Walker (steel tank)
- PASTEURIZATION – CBI Walker

**BIOSOLIDS TREATMENT EQUIPMENT**

(CONTINUED)

**PUMPS**

- SUBMERSIBLE CHOPPER/CENTRIFUGAL PUMPS – Flygt/Xylem

**SLUDGE DEWATERING/THICKENING**

- BELT FILTER PRESS – Charter Machine Corporation
- GRAVITY BELT THICKENER – Charter Machine Corporation
- ROTARY DRUM THICKENER – Headworks USA
- GRAVITY DRYING BED FILTER MEDIA – Merit Filter Corp.
- DISSOLVED AIR FLOTATION – Siemens Davco, Tenco-Hydro

**LIME FEED EQUIPMENT** – Enpro Technologies

**CONVEYORS**

- BELT & SCREW TYPE – FilterONE USA, Charter Machine Corp.

**DRYING SYSTEMS** – Siemens Direct Dryers, Merit Media Drying Beds

**COMBINED SEWER & STORMWATER TREATMENT EQUIPMENT**

**CSO TREATMENT & SCREENING** – Gabriel Novac & Associates LTD., Fresh Creek Technologies

**NETTING/TRASH TRAP SYSTEMS** – Fresh Creek Technologies

**PUMPING SYSTEMS** – Flygt (Xylem)

**INDUSTRIAL WATER AND WASTEWATER TREATMENT EQUIPMENT**

**METAL FINISHING TREATMENT** – Tenco-Hydro, Siemens Davco, Siemens Zimpro

**DISSOLVED AIR FLOTATION** – Tenco-Hydro, Siemens Davco

**PHYSICAL/CHEMICAL TREATMENT** – Tenco Hydro, Siemens BioMag/CoMag, Siemens Zimpro, Wagner Fluid Systems

**HIGH STRENGTH WASTE TREATMENT** – Siemens Zimpro PACT System

**FOOD & BEVERAGE WASTE TREATMENT** – Siemens Water Technologies

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**Over 60 Years Representing the Industry Leaders in Water & Wastewater Treatment Equipment!**