



IRON HORSE ENVIRONMENTAL

in association with E&W Equipment

WATER & WASTEWATER TREATMENT EQUIPMENT | MANUFACTURERS REPRESENTED

HEADWORKS

Fairfield Service Company: Screens and Grit Removal
NETZSCH: N-Mac Grinders and Macerators
Nexom: EcoBELT Rotating Belt Filter
WSG & Solutions: (FMC, Link-Belt, Rex) Screens, Grit Removal

BIOLOGICAL PROCESS

ABS Biofermentation: Biofermentation bacteria
Alfa Laval (Ashbrook Simon-Hartley): SBRs, MBRs, Field Erect Plants
American Manufacturing: Recirculating Sand Filter
Evoqua Water Technologies (Envirex): ORBAL Oxidation Ditch, RBC's
Nexom: BioPORTZ MBBR
Purestream: Packaged Plants, SBRs, BNR, Filters
Raschig: Trickling Filter, Cooling Tower, MBBR, & IFAS Media
World Water Works: AvN, BIOCOS, DEMON, IDEAL MBBR/IFAS

FLOCCULATION, CLARIFICATION, AND FILTRATION

Alfa Laval (Ashbrook Simon-Hartley): ISO-disc Cloth Disk Filters
Evoqua (Envirex): Circular Clarifiers, Chain & Scraper Sludge Collectors
Fairfield Service Company: Chain and Scraper Sludge Collectors
Ford Hall: Weir Wolf Clarifier Brush Cleaning System
Jacobi Carbons: AquaSorb Activated Carbon Media
Nexom: Phosphorus/Metals Removal, Denitrification, Cloth Filtration
Precision Rotating Equipment: Clarifier Drives
S.P. Kinney: Automatic Self-Cleaning Strainers
UNIFILT: Filtration media, air scour systems, filter service/inspections
World Water Works: IDEAL DAF
Yardney Water Filtration: Pressure media filters, GAC, iron and manganese removal, strainers & screens

PROCESS CONTROLS

ECHO Process Instrumentation: level transmitters, flow meters, level and flow switches, and pump controls
Neemar: System Integration, SCADA, Instrumentation and Controls

STORAGE TANKS, COVERS, AND MIXERS

CST Covers: Aluminum Geodesic Domes and Flat Covers
Industrial & Environmental Concepts: Fabric Tank and Launder Covers
Tank Connection: SS & Fusion Bond Epoxy Bolted Steel Tanks
Thortex Group: Tank and Pipe Repair and Rehabilitation
UGSI Solutions: Tank Mixers, Chlorine/Chloramine Residual Control, THM Control

CHEMICAL FEED

Integrity: Lime Feeders, Storage Silos, Chlorine Scrubbers
JCS Industries: Gas Feed Equipment, Liquid Vacuum Feeders, Scales
Lutz-JESCO: Solenoid & Motor Driven Diaphragm Pumps, Peristaltic Pumps, Polymer Feed Systems, Packaged Skid Systems, & Accessories
STT Enviro Corp: Lime Silos and Slakers

FIBERGLASS PRODUCTS

Virtual Polymer Compounds: flumes and weirs, metering manholes, FRP manhole frames and covers, fiberglass enclosures

AERATION/MIXING

Continental: Multi-stage Centrifugal blowers
EPIC INTERNATIONAL: High Speed Floating Aerators and Floating Mixers
Howden Roots: PD and Turbo Blowers (Turblex)
MGD Process: Self Aspirating Mixing/Aeration
R&M Equipment Company: PD blower Packages and Sound Enclosures
Robuschi by Gardner Denver: Tri-lobe PD blowers, Screw blowers

DISINFECTION AND OXIDATION

Glasco UV: NONCON, Vertical, Horizontal and Chambered UV systems
UGSI Solutions: Microclor® On-Site Hypochlorite Generation
UV Pure: Low-flow non-contact UV systems
Xylem/WEDECO: UV, Ozone and Advanced Oxidation

ANAEROBIC DIGESTION

Evoqua (Envirex): Dystor Gas Holders, Floating Covers, Sludge Mixing, Crown Sludge Disintegration, Heater/Heat Exchanger
Shand and Jurs: Gas Safety Equipment

BIOSOLIDS AND SLUDGE HANDLING

Deskins: Rapid-Floc Mixer, Quick Dry Filter Beds
GEA Westfalia: Decanter Centrifuge Sludge Dewatering
Grignard Company: Struvite removal and prevention
Komline-Sanderson: Sludge Thickening, Dewatering, & Drying
MLM Conveying: Shafted, Shaftless and Vertical Screw Conveyors
Putzmeister: Cake Pumps Augers and Feeders

LAGOONS/PONDS

Industrial and Environmental Concepts: liners and covers
JPS Industries: Lagoon Baffle Systems
Lasaire: Fine bubble tube aeration
Nexom: SAGR – cold water nitrification and denitrification, OPTAER – lagoon aeration and treatment system
RW Solutions: High Volume Floating Aerators
Sonic Solutions: Algae Control

ON-SITE DISCHARGE

American Manufacturing: Drip Dispersal Systems and Controls

PUMPS AND FLOW CONTROL

Coplastix: Composite Gates and Stop Logs
EPIC INTERNATIONAL: Landustrie Archimedean Screw Pumps
Flowserve: Vertical Turbine, Split Case, & Submersible Pumps
Komline-Sanderson: Plunger and Twin Disc Pumps for sludges
Modular Water: Packaged Pump Stations and Controls
NETZSCH: Rotary Lobe and Progressive Cavity Pumps
RW Solutions: F.O.G. & Odor Control, Wet Well Mixing
WACO: Aluminum and SS Gates, Stop Logs and Bar Screens

ODOR CONTROL

Aerisa: Bi-Polar Ionization Odor and Corrosion Control
Anua: Airashell Biohybrid Filter, Airaflo Biofilter
Daniel Company: Activated Carbon and Biological Systems
GES Biotek: Odor control bio-filter media
Integrity: Activated Carbon and Biological Systems
Jacobi Carbons: EcoSorb Activated Carbon Media