





## Wastewater Biological Treatment Processes

 <p>Heat transfer, Separation, Fluid handling</p>	 <p>Rotary screw, rotary lobe, rotary claw, centrifugal and turbo blowers</p>	 <p>AC Clarifier, ST, DAF, DF, Pressure Filters, UF, NF, RO, MBBR, MBR Systems</p>	 <p>Convert organic waste into safe, valuable products</p>	 <p>Sludge Collectors, Trickling Filters and Biological Treatment</p>
 <p>Industrial: Sludge Dewatering Centrifuge and Rotary Thickeners</p>	 <p>Industrial: DAF, MBR, MBBR, Anaerobic, Waste to Energy</p>	 <p>UV Chemical-Free 4-log Virus Disinfection</p>	 <p>MBBR, IFAS, HIT™ Integrated Treatment Systems</p>	 <p>Gearred, Gearless, and Multistage Turbo Blowers</p>
 <p>Clarifiers &amp; Wet Scrubbers</p>	 <p>Fine and Coarse-Bubble Aeration; BOD Soluble Organic loading removal</p>	 <p>Pulsed Hydraulics Inc. Hydro Pulsed Mixing Systems</p>	 <p>MBR's/MBT's, Headworks, Sedimentation Industrial Aerobic Solutions</p>	 <p>Positive Displacement, Enviro-Pak, High Speed Turbo Blowers</p>

## Water Treatment

 <p>PFAS, Iron, Manganese, Sulfide and Arsenic Removal</p>	 <p>MF/UF/RO Membrane Filtration</p>	 <p>Electromedia Filtration, Reverse Osmosis, Filter Press</p>	 <p>Dosing, Disinfection &amp; Instrumentation</p>	 <p>Arsenic Treatment</p>
 <p>MIEX Advanced Ion Exchange Treatment</p>	 <p>Activated Carbons</p>	 <p>Ozone Water Treatment</p>	 <p>Chlorine gas Water Treatment</p>	 <p>Activated Carbon Filtration Equipment and Systems</p>

## Materials Handling Equipment

 <p>Mechanical Bar Screens Fine &amp; Drum Screens Tertiary Sand Filter</p>	 <p>Size Reduction Equipment</p>	 <p>Thickening and De-watering Equipment</p>	 <p>Materials Handling, Solids / Liquid Separation Bar Screens</p>
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## Pumping Equipment

 <p>Peristaltic, hose and progressive cavity pumps, also specialty valves</p>
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## SCADA Systems and Control Monitoring

 <p>Process On-Line Analyzers</p>	 <p>Controls, SCADA &amp; Integration</p>	 <p>Variable Speed Drives Soft Starts</p>
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# SERVICE CAPABILITIES

## Equipment Repair and Pump Testing

- Modern 45,000 sq.ft. Facility
- Stocking Distributors – OEM Parts and Equipment
- Factory Trained Mechanics
- Pump Performance Testing in our 37,000 gallon Tank
- In-house Machining Service, Shaft Repair, and Dynamic Balancing

## On-Site Services

- Equipment Installation and Startup
- Pump Station Construction and Retro fit
- Fully Equipped Service Trucks with 10,000-lbs. Cranes
- Factory Trained Technicians for SCADA, Controls, Drives, Instrumentation, Pumps, Grinders and Other Plant Equipment
- 24/7 Emergency Service
- Preventative Maintenance Programs
- NJ Electrical License
- Laser Alignment

## Equipment Ready to Rent

- Submersible Pumps
- Dry Prime Diesel Pumps
- Hoses, HDPE Pipe, Fittings, Etc.
- Generators and Other Accessories
- Engineered Bypass/Pump- around Setup and Operation
- Hydraulic Power Packs with Hydraulic Submersible Pumps
- Hydrostatic Test Pumps
- Electric Self Priming Pumps
- Inflatable Pipeline Plugs

## Training and Application Support

- Training Seminars at our Dedicated Education Center
- In-house Application and Engineering Support

## ITS: Control and Instrumentation Group

- Custom Control Engineering and Supply
- PLC Programming
- SCADA Systems

## Health and Safety Commitment

- Safety and Medical Monitoring Programs
- ISNetworld, Avetta, GRMS and PICS Member Contractor



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