

WHERE WATER MOVES, WE LEAD

Florida's Water & Wastewater Partner—From Concept to Commissioning

COLLECTION & WASTEWATER SYSTEMS



LOW PRESSURE SEWER SYSTEMS

Grinder Pumps for predictive FM scouring velocities
Axial & Radial cutters with dual-stage impellers for a wider hydraulic range
FRP & HDPE stations, lateral/check valves, alarm panels
Low Pressure Sewer System Design, Analysis & Software

SUBMERSIBLE & NON-CLOG PUMPS

Submersible Propeller, Axial/Mixed Flow Pumps (up to 1,080 HP / 180,000 GPM)
Grinder & "Super" Vortex Pumps, SS / Sump Pumps
Submersible Mixers, Dry Pit Submersible Pumps
Package pump stations, drives & control panels
"Open S-Tube" submersible pumps for high ragging lift stations

CONDITIONING & CHOPPER PUMPS

Submersible, Horizontal, Pedestal & Conditioning Chopper Pumps
Mechanical Hydraulic Mixing Systems
Screw Centrifugal Pumps
Conditioning Pumps for Wet Well mixing, solids reduction & FOG elimination
Package Pump Stations, Water Booster Pump Stations

ODOR & CORROSION CONTROL SYSTEMS



ODOR CONTROL & SCRUBBING SOLUTIONS

Lift Station & Wastewater Odor Control
Landfillable chemical absorption media for process gases
Corrosion Control to protect sensitive electronics and VFD's
Chlorine & Sulfur Dioxide Emergency Gas Scrubbers
Drum scrubbers for H₂S, mercaptans, and Chlorine

CORROSION-PROOF MANHOLES & WET WELLS

Steel Reinforced Polymer Concrete (round & rectangular, up to 16')
Impervious to saltwater, Ph levels of 1-14
Exceeds ASTM Standards, HS20 & HL93 Load Ratings
Constructed of Marine-Grade Polymer Epoxy Concrete rated > 10,000 PSI
50-year Manufacturer's Warranty—No coating or liner required

HDL BALL CHECK VALVES

Sizes from 1.5" to 24" diameter
Flanged and NPT versions

CUSTOM FRP SHELTERS

25-year corrosion and structural warranty
Custom fiberglass structures built "stronger than steel"
Specialty structures for analyzers/sampling, chemical feed, generators, pump stations

PROCESS EQUIPMENT & MIXING SYSTEMS



CHEMICAL FEED PUMPS & SKID SYSTEMS

Peristaltic Tube & Hose Metering Pumps (up to 440 GPM, 165 PSI)
Duplex and independent dual outlet Triplex Chemical Feed Skid Systems
Knife, Pinch & Duck Bill check valves
Pinch valves never need to be exercised, nor require a breaker bar

HYDRAULIC MIXING EQUIPMENT

Chopper Pumps for clog-free nozzles in mixing systems
Process Mixing Systems without using air or moving parts
Hydraulic Mixing for Digesters, EQ, FOG, Sludge, Biosolids homogenization
Turbo-S Axial Flow Mixers for MLR/Internal Recycle/Biosolids mixing
Conditioning pumps for wet wells & EQ tanks to reduce FOG and homogenize solids

WATER & WASTEWATER TREATMENT SYSTEMS

Complete line of packaged & modular systems for MBR, MBBR, SBR, RO, DAF, UV, Ozone, and heavy metal removal
Packaged WW Treatment Plants up to 5 MGD

YOUR TRUSTED PARTNER FOR EVERY WATER & WASTEWATER CHALLENGE

At F.J. Nugent & Associates, we offer a comprehensive range of high-quality products for the water and wastewater industry. From pumps and valves to odor control and remote monitoring, we provide the reliable solutions you need to keep systems running efficiently. With unmatched product knowledge and industry connections, we deliver results that meet the toughest standards.

SPECIALTY PUMPS & EQUIPMENT



PROGRESSIVE CAVITY PUMPS

Positive Displacement Pumps (up to 700 PSI / 2,000 GPM)
Unique Wear Compensation Stator for 3X life
Dry Run Protection included
Replacement parts for Moyno, Seepex, Liberty, Netzsch, and most PC pumps
For abrasive, high-viscosity applications

MULTI-STAGE & CORROSION-RESISTANT PUMPS

Stainless Steel Vertical & Horizontal Multi-Stage Pumps for water
Centrifugal, Turbine, and Submersible Pumps
Compact, High-Pressure Multi-Stage Vertical & Horizontal Centrifugal Pumps
RO Feed Pumps
Corrosion-resistant materials: 316SS, Duplex SS, Ni-Al-Brz, Alloy 20, Hastelloy C

MAG-DRIVE SEALLESS & SPECIALTY PUMPS

Sealless Mag-Drive Pumps in Polypro, PVC, PVDF, SS
Turbine, Regenerative, Sliding Vane, Alloy & Thermoplastic transfer pumps

SLURRY, GRIT, & ABRASIVE HANDLING PUMPS

Vertical, Horizontal, Submersible, Multi-Stage HD / High Pressure Pumps (5-4,000 GPM to 295')
For mining, chemical (acid), and filter press applications

REMOTE TELEMETRY & SCADA SYSTEMS

Cloud-based SCADA and flow monitoring
Remote telemetry via WiFi, Ethernet, or Cell
AI Flow prediction for Lift Stations to set alarms and monitor trends

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