

Cornerstone

Striving to be the most valuable partner in water treatment!

Now addressing your water and wastewater needs in Florida!!



Phone : 770-742-3321

www.cornerstone2o.com



Filter Tech Systems



fluence

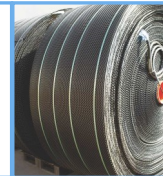


STIRCOR
BIOSOLID PROCESSING
AS A SERVICE



Unique, Highly Efficient Biological Nutrient Removal

- ✓ Simultaneous Nitrification and Denitrification
- ✓ Extremely low-cost power requirements for aeration
- ✓ Very small footprint and easier to operate than an MBR



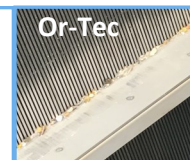
Accomplish TSS Removal and Biological Treatment in the Same Vessel

- ✓ Removes TSS, Ammonia BOD, COD, Nitrification, Denitrification, Phosphorus
- ✓ Backwashes without a pump with over 99% net water production
- ✓ Runs unattended and has a very small footprint



Achieve 1 mm Screening with No Washwater

- ✓ The world's only super fine mechanical bar screen with spacing to 1mm
- ✓ Removes hair, rags, fats, and oils
- ✓ No wash water or brushes



Cornerstone H2O Solution Offering—Florida

Advanced Oxidation

- Photo-Catalytic Oxidation
- Electro-Chemical Oxidation

Aeration

- Fog Log Aerator/Mixer
- Extended Aeration
- Surface Aerators
- Oxidation Ditch

Baffle Curtains

Chlorine

- On-site NaClO Generation

Clarifiers

- Hercules Drive Units
- Bridge or Column Supported
- Center or Peripheral Feed
- Solids Contact
- Spiral Blade
- Suction Header

Compactors

- Screw Screen Compactor
- Compactor Washer

Conveyors

- Shafted Conveyors
- Shaftless Conveyors
- Belt Thickener

Covers, Floating

- Lagoons
- Clarifiers

DAF—Dissolved Air Flotation

Digesters

- Aerobic and Anaerobic

Disinfectant Control System

Dredging Alternative

Dry Pit Pumps

- Horizontal
- VPM
- VOS
- Grit
- Submersible

Electro-Oxidation

Filters

- Ultrafiltration Membrane
- Bead Filter
- Package Filter Plant
- Tertiary Filtration
- Denitrification Filter
- Deep Bed Filter
- Pressure Filters
- Carbon Filters
- GAC Filters
- RO Skids

Flotation System

Grit Removal

HaloAcetic Acid (HAA) Reduction

Headworks

- Package Headworks

Lagoon Capacity Recovery

- Dredging Alternative

Liners

- Lagoons, Ponds

MABR Treatment System

Membrane

- Ceramic Ultra Filtration
- Aerated Biofilm Reactor MABR
- High Pressure/RO/NF/UF
- MBR

Mixers

- Fog Log Aerator Mixer

Odor Control

- Proprietary, Highly-Efficient Media

Oxidation

- Electro-Oxidation
- Advanced Oxidation w/TiO2
- Disinfection
- Clarification
- Color
- Heavy Metals

Package WWTP

PFAS/PFOA Removal

Polymer Dosing Systems

Remediation

- PFAS/PFOA
- Pharmaceuticals
- Hormones
- Heavy Metals
- Ammonia
- Radioactive Isotopes
- Sludge Destruction
- Lagoon capacity recovery
- Gasification of biosolids

Screening

- Micro-Bar Screen
- Rotary Rake Screen
- Rotary Brush Screen
- Screw Screen
- Low-Flow Screen

Septic and Grease Receiving Stations

Sludge Destruction

Sludge Dewatering Systems

- Rotary Press
- Multi-Disc Screw Press
- Robotic Plate & Frame
- Belt Press
- Rocker Press (Volute)
- Sludge Bagging System

Tanks

- Corrugated Steel

Storm Water

- Weirs
- Screens
- Tipping Buckets
- Flow Control Systems
- Vortex Regulator

Valves

- Ball, Butterfly, Globe
- Air-Release, Vacuum
- Check, Foot, Gate
- Automatic Control
- Backflow Preventers

