



UET WATER
TECHNOLOGIES
water & environmental solutions

LET'S TALK WATER!

**WATER AND WASTE WATER TREATMENT SOLUTIONS
MINIMUM LIQUIDS DISCHARGE (MLS) & WATER RE-USE
INDUSTRIAL WATER & SEAWATER DESALINATION**



www.uetwater.com

MEMBRANE FILTRATION PROCESS



- Treatment of municipal & industrial water, well/river water, seawater & waste water for reuse
- Membrane Process Plants from 300 to 30,000 m³/day
- Reverse Osmosis Systems
- Seawater Desalination
- Desalination
- Nanofiltration
- Ultrafiltration
- Energy recovery Specialists'
- Unparalleled competitive pricing with high quality design and fabrication
- Electrodionization for ultra pure water
- Increase energy efficiency, production output and membrane performance



CUSTOM REVERSE OSMOSIS & DESALINATION



- Custom RO Systems & Seawater Desalination
- Limited or Full Scopes (Flexible)
- We Adapt to a Project & Add Value
- Private Label & Competitive Offerings
- Our team members have over 35 years experience in Membrane Filtration
- Easy To Work With
- Minimum Liquid Discharge, ZLD, and Challenging Applications



MOBILE CONTAINERIZED WATER TREATMENT PLANTS REVERSE OSMOSIS OR WASTE WATER TREATMENT



We design and adapt containerized mobile water treatment solutions and/or reverse osmosis system within a 20 ft. or 40 ft. or multiple containers containerized.

- Brackish or seawater desalination
- Custom set-up
- Just a few utilities connections
- Easy non protruding exterior connections
- Heavy duty & durable designs
- Great for rental or for stock/immediate delivery



ULTRA FILTRATION



UET WATER FILTRATION



ADVANCED QUALITY AN



WE DELIVER CUSTOM SOLUTIONS FOR YOU, WHEN YOU NEED IT

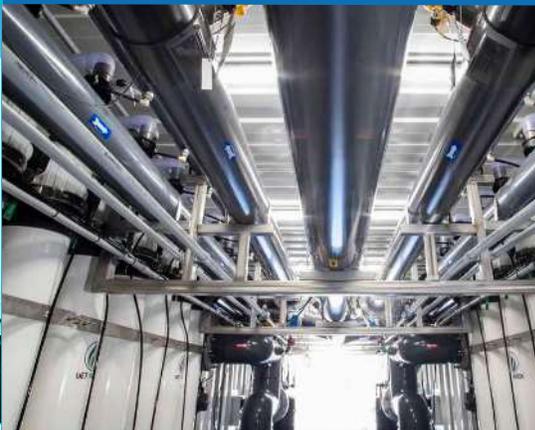
UET Water Ultrafiltration (UF) is a purification process that separates particulate matter from soluble compounds using an ultrafine membrane media. Ultrafiltration is an excellent separation technology for desalination pretreatment, reverse osmosis pretreatment, and wastewater reclamation, as well as for producing potable water.

UET Water will custom design and engineer a water treatment filtration system for your application.

- Biomax Media (5 - 10 Microns)
- GAC Carbon Filtration
- Green Sand Filtration
- Demineralization
- Ion Exchange
- Custom Filtration

WASTEWATER TREATMENT UET BIOWORKS® PROCESS

- Low loaded activated sludge process - Compact construction design - all in one basin
- Excellent aeration efficiency by the use of OXIWORKS® aerators and easy maintenance by the use of OXIRISE® system
- Flexible process operation simultaneous nitrification / denitrification by the use of DYNEX®
- Floating Membrane Aeration
- Custom Scope of Supplies



SOLUTIONS FOR YOUR WATER AND PRODUCTION EFFICIENCY

WASTEWATER TREATMENT



WASTEWATER TREATMENT UET BIOWORKS® PROCESS



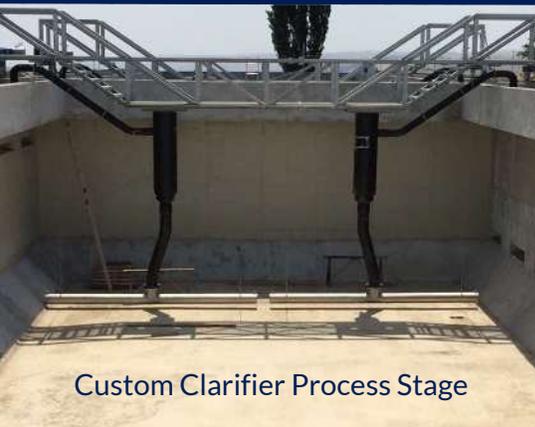
- Cost Savings on civil works. Construction of tanks as earth basins using HDPE-lining
- Unique mobile clarifier

ASBR WASTEWATER TREATMENT

- Compact design, process steps sequence “all in one tank”
- Elimination of secondary clarifier
- Process benefits by upstream anaerobic selector zone and anoxic reaction chamber
- Enhanced BNR (biological nutrient removal)
- Positive influence on sludge settling properties
- Custom engineering packages and limited scope of supply available

ASBR (ADVANCED SEQUENTIAL BATCH REACTOR PROCESS)

- HIGH QUALITY Effluent at LOW CAPITAL & OPERATING COSTS.
- Industrial Waste water Treatment
- Food – Beverage - Paper
- Textile – Wineries – Chemical/Refinery
- Electronics & Manufacturing
- Anaerobically pre-treated effluents



Custom Clarifier Process Stage



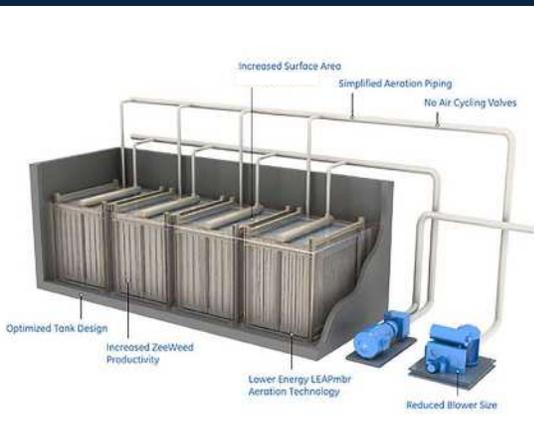
BIOFILM PROCESS CFIC® & MBBR WASTEWATER TREATMENT



CFIC®: INTERMITTANT CLEANING AND CONTINUOUS FLOW MBBR

BIOFILM CFIC®'s technology is the biological growth in polyethylene pieces. CFIC® provides a protective surface area for microbes to grow and can handle extremely high loads of wastewater without causing any clogging issues.

The low footprint and the design of the process makes this much more versatile than existing solutions, making it very suitable for a wide range of existing WWPP's.



UET OZONE GENERATORS FOR WATER STERILIZATION



The UET WATER ozone generating systems are designed and sized to cover a wide range of commercial applications. Rugged – Robust – High Efficiency - Cost effective.

Cabinet mounted with capacities up to 168 g/hr in oxygen. The units are shipped complete with a separate oxygen generator, and optional controls and accessories to meet the project requirements such as contacting vessels, ozone injectors, pumps and ozone monitor.



AMAZING AFTER SALES SERVICES & SPARES



- Electromechanical Installation & audits
- Consumables & Spare Parts (Membranes - Chemicals)
- Maintenance contracts
- Operation services
- Water sale contracts



LET'S TALK WATER!



MBR (MEMBRANE BIOREACTOR PROCESS)

- Achieving highest quality of effluent by Ultrafiltration
- Elimination of both secondary clarifiers and tertiary step
- Disinfection of effluent by physical "barrier" of membrane
- High MLSS concentrations (8.000 - 12.000 mg/l) possible
- Less tank size / footprint



Personalized Water and Process Solutions by Experienced Professionals

- Customized engineered water & waste water treatment solutions
- Clean wastewater for reuse and discharge (Improve water-use ratio)
- Cooling system treatment & cooling tower blowdown
- Improve energy efficiency, membrane performance and maximize production

MARKETS & APPLICATIONS

- Coastal Hotels
- Breweries / Beverage/ Dairy
- Agro Industry
- Water Recycle
- Boiler Feed Treatment & Makeup Water
- Textile & Pulp/Paper
- Mining & Steel
- Energy/Power/Oil/ Gas/Refinery
- Recover Water
- System Upgrades & Retrofits

Ultra-Filtration for Industrial Applications



Seawater Desalination



GLOBAL PRESENCE

USA | Germany | Mexico | Egypt | Chile | Brazil

Mexico Direct Offices: Cancún, Ensenada BCN, Los Cabos, Puerto Vallarta, Mexico City



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