

The Most Advanced Ultra Filtration Process

- ✓ Better Water at Lower Cost
- ✓ The Platform is the Plant
- ✓ Zero Liquid Discharge
- ✓ 300 GFD on Surface Water
- ✓ 600 GFD on Ground Water
- ✓ Lower Cost Structure
- ✓ Fully Automated
- ✓ >99% On-Line Duty
- ✓ Continuous Self Cleaning
- ✓ Entire System Certification to (NSF) ANSI 61 by UL
- ✓ LT2ESWTR Compliant
- ✓ Reduced Complexity
- ✓ > 25 Year Membrane Life
- ✓ 50% Less Coagulant
- ✓ Twice the DOC Removal
- ✓ 5th Generation 100% SiC Ceramic Membrane
- ✓ Allows Free Chlorine Use
- ✓ Lower Cl₂ Residual Requirement
- ✓ THM & HAA Compliance
- ✓ 100% of Filtrate to Distribution
- ✓ No Backwash Process
- ✓ No Backwash Tank
- ✓ No Clarifier
- ✓ No Flocculation or Polymer
- ✓ No Clean in Place (CIP)
- ✓ No Membrane Replacement
- ✓ No Filtrate Loss
- ✓ No Pre-Treatment
- ✓ No Chloramination
- ✓ No Permanganate
- ✓ No UV
- ✓ No Bubble Decay Test
- ✓ No Volumetric Concentration Factor for DIT
- ✓ No Filter Press
- ✓ No 0.3 Micron Prefilter
- ✓ No Temperature Constraints
- ✓ No Pressure Constraints
- ✓ No pH Constraints
- ✓ No Cleaning Constraints
- ✓ No Prorated Warranty
- ✓ No Irreparable Fouling

Continued...





- ✓ Only Level 2 Operator Required
- ✓ Continuous Flow
- ✓ 99% Feed Water Recovery
- ✓ Accepts Feed Pressure 0-150 psi
- ✓ Most Hydrophilic
- ✓ Exceptional Cold Water Performance
- ✓ Lower TMP & X Pressure
- ✓ Factory Acceptance & Review
- ✓ Factory Training Prior to Shipment
- ✓ T & O Compounds Removed
- ✓ Inline Coagulation
- ✓ Inline Oxidation
- ✓ Inline Reduction
- ✓ Virtually Indestructible
- ✓ Flexible Design
- ✓ Constant Flux
- ✓ Best Warranty
- ✓ Can Incorporate PAC
- ✓ No Coagulant Breakthrough
- ✓ No Onsite Fabrication
- ✓ No Need for Operator Adjustments
- ✓ No Hybrid Ceramics
- ✓ No Air Sparging
- ✓ No Intermittent or Batch Process
- ✓ No DOC Removal Pre-Treatment
- ✓ No Ion Exchange (SIX)
- ✓ No Capacity / Flux De-Rating due to Cold Water
- ✓ No Hybrid Ceramic Materials
- ✓ No SIX
- ✓ No End of Life Degradation
- ✓ No Dead-End
- ✓ Not Just a Filter
- ✓ 50% Lower O&M
- ✓ Pinning Eliminated
- ✓ No Risk of Cross-Contamination

When compared to all other conventional membrane processes.

Proven Water Purification with Documented Reductions:

