

Z-MOD* M Packaged Plants

Pre-engineered Packaged Plants are cost effective,
compact solutions for wastewater treatment

Benefits

- ZeeWeed* 500 reinforced ultrafiltration membranes produce superior effluent quality while operating in a high solids, wastewater environment
- Complete systems incorporate screening, biological equipment, filtration equipment and disinfection
- Pre-engineered options allow for flexible process designs
- Short delivery timeline from submittal to a fully operating system
- Prefabricated equipment minimizes site work and reduces on site installation costs
- Compact footprint allows installation inside existing buildings 15' (4.5m)x7'(2m)x9' (2.7m)
- Ideal for multistage flow increases
- In-situ membrane cleaning capability
- Two train systems provide process redundancy
- Systems range up to 0.22MGD (830m³/day)

Base System

- Stainless steel or epoxy coated carbon steel membrane tank and equipment skid
- Skid mounted permeate pumps, backpulse pumps, membrane aeration blowers, backpulse tank, valves, GE Fanuc PLC and HMI Interface
- Plant start-up and operator training



Application Dependent Options

- Biological equipment includes screening, process blowers, diffusers, transfer pumps, grinder pumps, mixers and enhanced nitrogen removal systems
- Chemical systems for enhanced coagulation, pH control and membrane cleaning
- Effluent systems including turbidity measurement and UV disinfection
- Maintenance packages including shelf spares, spare parts, service contracts and process tracking software
- Voltage 400/480/575 v Voltage 400/480/575 V, 3 phase, 50/60Hz



ZENON Membrane Solutions
Oakville, Ontario, Canada
+1-905-465-3030
www.gewater.com

Global Headquarters
Trevose, PA
+1-215-355-3300

Europe/Middle East/Africa
Heverlee, Belgium
+32-16-40-20-00

Asia/Pacific
Shanghai, China
+86 (0) 411-8366-6489