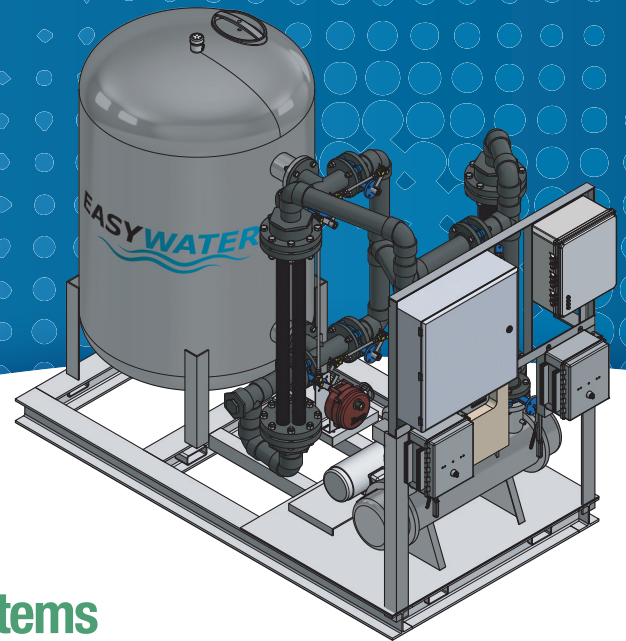


# ITF System

INDUSTRIAL TREATMENT & FILTRATION SYSTEM



## An innovative way to reduce sediment, scale and bacteria in industrial water systems

### Typical Problems in Industrial Water Systems:

- 1 Fine, sub-micron sediment that is difficult to filter
- 2 High bacteria counts leading to biofilm
- 3 Oil and grease
- 4 Hard water scale deposits

### TYPICAL APPLICATIONS:

- ▶ Reclaim water
- ▶ Pond water
- ▶ Industrial process water that picks up sediment, oil and other contaminants as it circulates

### How ITF Provides Superior Industrial Water Treatment and Filtration:

#### SEDIMENTSHIELD SUB-MICRON FILTRATION

- ▶ Effective filtration at a sub-micron level
- ▶ Backwashes clean and does not harbor bacteria
- ▶ Will effectively filter oil and grease
- ▶ SedimentShield media has an expected life of 15+ years
- ▶ Removes over 90+% of bacteria in the water
- ▶ Significantly reduces turbidity or cloudiness in the water, which increases the effectiveness of the UV system
- ▶ Sub-micron filtration results in cleaner trenches and sump pits because particles under 20 microns do not settle in water.

#### ULTRAVIOLET (UV) SYSTEM

- ▶ Kills bacteria on contact
- ▶ Minimizes the use of biocides, which lowers corrosion rates and saves money
- ▶ UV provides highly effective sanitization and is protected from deposits and performance loss by the SedimentShield filtration and No-Salt Conditioner

#### NO-SALT CONDITIONERS

- ▶ Dramatically reduces or eliminates anti-scalant chemicals
- ▶ Helps remove scale and biofilm in the system, as well as in the UV, which helps maintain the rated effectiveness of the UV
- ▶ Minimizes system biofilm, which reduces Legionella risk
- ▶ Breaks down the cell wall of bacteria
- ▶ Causes flocculation of particles in the water, increasing filtration effectiveness