



CLEAN & GREEN
ELECTRO-TECHNOLOGY

ECOTHOR™-8R

| Contaminants | Removal | Best Results |
|-------------------|---------|----------------|
| Total Phosphorus | 98.7% | 0.02 mg/L |
| Ammonia Nitrogen* | 92% | 8 mg/L |
| FOGs | 99.7% | 0.7 mg/L |
| Heavy Metals | 96% | 0.007 mg/L |
| TSS | 99.5% | 4 mg/L |
| Coliforms | 99.99% | <10 UFC/100 ml |

*Simultaneous reduction of ammonia nitrogen and of phosphorus (Struvite).

BENEFITS

- No use of chemicals
- Compact & Modular Skids (containerized WWT)
- Fully Automated & Remote Monitoring
- Low Maintenance & Minimal Operator Attention
- Sludge Minimization & Stabilization
- Enables Nutrient Removal and Recovery
- Reduces greenhouse gas emissions compared to conventional coagulation-flocculation practices

AVAILABLE OPTIONS

Liquid-Solid Separation Equipment optimized for settling and/or flotation, and followed by filtration whenever needed.



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E2Metrix Inc. specializes in providing innovative and clean electrolytic treatment solutions using ECOTHOR™, a series of electro-technology reactor models designed for Nutrient Removal, as well as other wastewater treatment applications requiring the removal of FOGs, Heavy Metals, TSS, and even Coliforms.

SYSTEM CAPABILITIES

- Exceptional Phosphorous Removal Performance (0 Phosphorous Target)
- Removal of Ammonia Nitrogen through struvite precipitation (patented process)
- Removal of complex organics (e.g.: Ethylene Glycol, Fluoride, PAHs)
- Can be used to target multiple contaminants simultaneously
- Removal of various pathogens

ECOTHOR™-8R

0-300 m³/d

