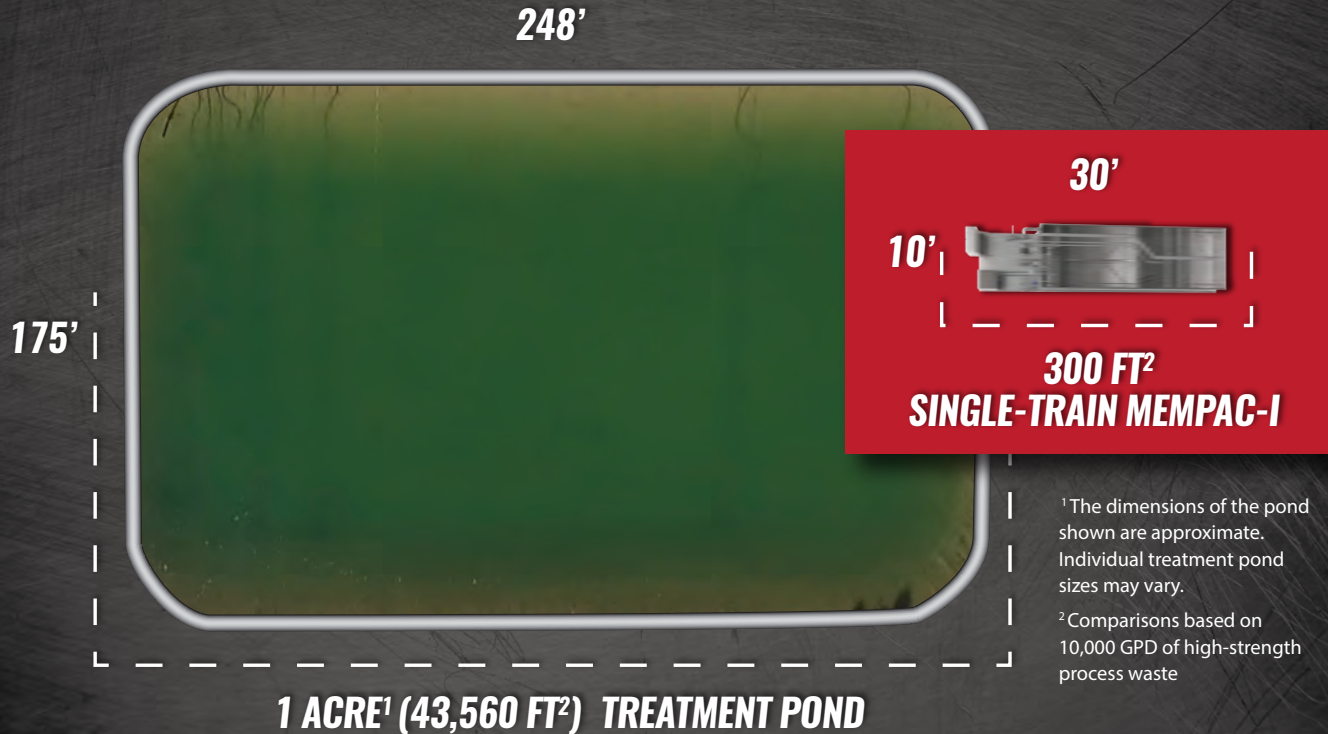


# HOW DOES A WASTEWATER TREATMENT POND COMPARE TO THE MEMPAC-1?



<sup>1</sup> The dimensions of the pond shown are approximate. Individual treatment pond sizes may vary.

<sup>2</sup> Comparisons based on 10,000 GPD of high-strength process waste

# TREATMENT POND

# VS

# MEMPACT™-I

**ONE ACRE**

**FOOTPRINT**

**LESS THAN 1% OF THE AREA  
REQUIRED FOR A TREATMENT POND**

*Ponds must be **CONSTANTLY**  
aerated year round*

**EQUIPMENT  
RUN TIMES**

*Equipment operation time automatically  
adjusts to flow and loading*

*Amperage for 10,000 GDP pond  
system: 150A at 480V, 3 phase*

**ELECTRICAL  
USAGE**

*Amperage for 10,000 GPD Cloacina  
system: <75A at 480V, 3 phase*

*Prone to odors because of the difficulty in  
providing sufficient aeration over a large surface*

**ODORS**

*Highly aerobic which naturally  
mitigates odors*

*Animals can fall in. Ponds are expensive  
to fence and secure*

**SAFETY &  
SECURITY**

*Easier and less expensive to secure*

*Estimated effluent quality is greater  
than 150 mg/L BOD and TSS*

**EFFLUENT  
QUALITY**

*Estimated effluent quality is less  
than 10 mg/L BOD and TSS*