

Two Brine Disposal Technologies

Low-Saline Brine (1-5%)

WAIV – Wind Aided Intensified evaporation

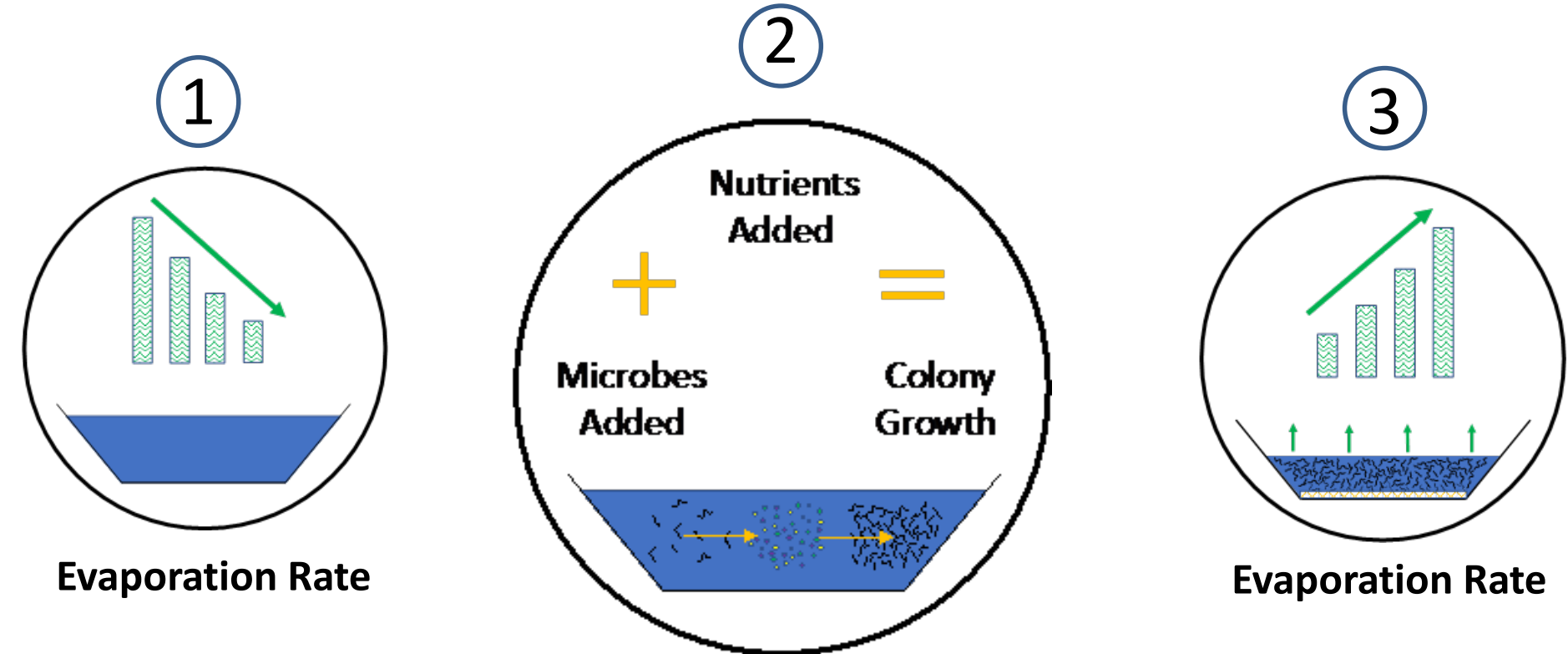


- Specialized 'Sails' (hydrophilized fabric)
- 62,000 sf (1.4 ac) Evaporative Surface Area
- Strategically Leverages Wind to Evaporate
- GREEN, Sustainable Solution
- No Sprays, No Mist, No Drift
- Low O&M Effort

Highly Saline Brine (5-30%+)

Halophilically Enhanced Evaporation

The Greater the Salt Content, The Better It Works



1. Evaporation Rates Decrease as Salt Content Increases
- 2a. Brine Inoculated with Non-Pathogenic, Halophilic (salt-loving) Micro-Organisms and Nutrients
- 2b. Microbial Population Increases Exponentially
3. Evaporation Rate Increase Significantly

- No Electricity
- No Equipment
- No Plumbing
- No Pretreatment
- No Controls
- No Spray

