

AquaNova Simulation Report

Scenario: RO_2Stage_A

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System Summary

Recovery: 45.0 %

Flux: 18.0 LMH

NDP: 8.0 bar

SEC: 3.0 kWh/m³

Streams

- Feed: Q=20.0 m³/h, TDS=2500.0 mg/L, pH=7.2, P=1.0 bar
- Permeate: Q=9.0 m³/h, TDS=50.0 mg/L, pH=6.9, P=0.8 bar
- Brine: Q=11.0 m³/h, TDS=2875.0 mg/L, pH=7.1, P=15.0 bar