

ElectroChem Produced Water Desalter

Desalt and recycle produced water. Add value by re-activating polymers.

Saltworks' ElectroChem Produced Water Desalter desalinates produced waters while increasing viscosity and recycling enhanced oil recovery (EOR) polymers for optimal re-injection efficiency.

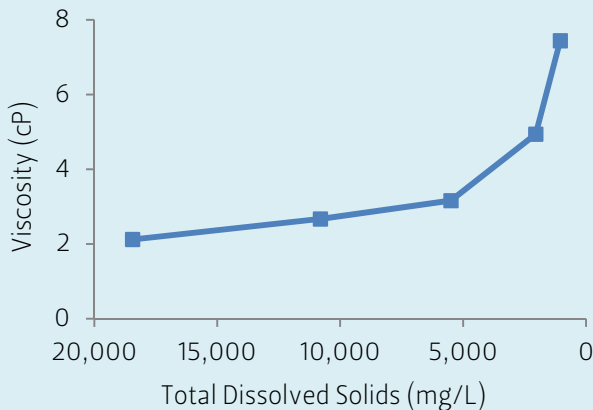
Quick facts

- Fully controllable, reach any re-injection TDS
- Reliable, self-cleaning desalination
- Enabled by Saltworks' fouling resistant IonFlux Ion Exchange Membranes & smart controls
- Compact modular system, fully automated
- Innovative offshore process, only salts fluxed to ocean saltwater stream

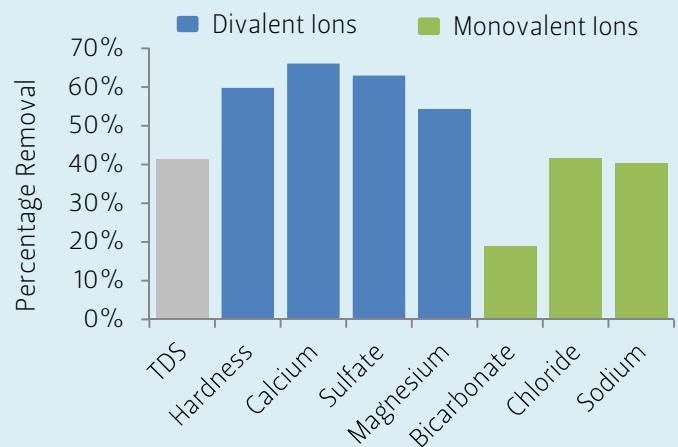
Advantages

- Reuse produced water
- Reach optimal re-injection parameters and improve yields
- Recycle and reactive EOR polymers
- Increase viscosity of produced water
- Preferential divalent removal, improve polymer performance

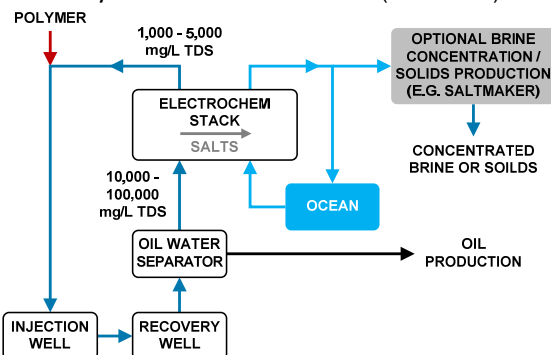
Recycle produced water & polymer: viscosity increases without polymer addition



Divalent removal, increases polymer performance



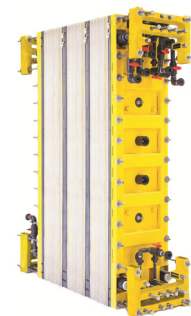
Simplified PFD only salts fluxed to ocean (offshore)



IonFlux Ion Exchange Membranes fouling & hydrocarbon resistant



Saltworks' modular ElectroChem stack



Contact projects@saltworkstech.com for an ElectroChem Produced Water Desalter performance and economic assessment. View our case studies: <http://www.saltworkstech.com/case-studies/>