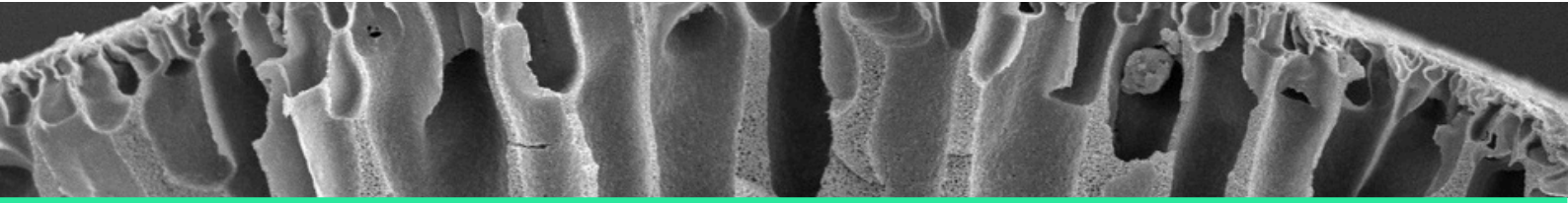


FEED WATER ANALYSIS



Getting a complete understanding of your plant's water quality is critical from the design phase through to operational trouble shooting.

Many operational and design problems can be solved by getting the right water analysis done on the right sampling frequency.

Membrane Works can help by collecting and analysing samples on a regular basis while providing you with an expert opinion on what this means to your operation.

Analysis	Reasons
pH	Controls scaling and operation
Conductivity	Indicator of driving pressure and water types
Alkalinity (total, carbonate, bicarbonate)	Driver of carbonate scales
Total Dissolved Solids (TDS)	Driving pressure
Total metals: Al, Ca, Ba, Be, B, Cd, Co, Cr, Cu, Fe, Pb, K, Mg, Mn, Mo, Na, Ni, P, Sr, Si, S, Zn	Scaling and fouling potential
Dissolved metals: Al, Ca, Ba, Be, B, Cd, Co, Cr, Cu, Fe, Pb, K, Mg, Mn, Mo, Na, Ni, P, Sr, Si, S, Zn	
Anions: Cl, SO ₄ , F, NO ₃	Scaling and fouling
Oil and Grease (low level)	Oil and organic fouling
Total and Ortho Phosphate	Phosphate scales
Reactive Silica	Silica scales
Total Organic Carbon	Organic fouling
Chemical Oxygen Demand	Organic fouling
Colour	Water quality (aesthetic)
Turbidity	Suspended material fouling
Total Suspended Solids (TSS)	Suspended material fouling
Free Chlorine	Oxidative damage

FEATURES

- **Complete water analysis conducted by NATA laboratories**
- **Correct sampling program designed for your situation**
- **Qualified experts to take and analyse your samples**

BENEFITS

- **Improved system reliability**
- **Expert advice**



membraneworks

Membrane Works
12/31 Coombes Dr
Penrith, NSW, 2750

P: 1300 910 454
info@membraneworks.com.au
www.membraneworks.com.au