

WATER ANALYSIS FOR RO/NF SYSTEMS

Sample Identification: _____

Feed Source: _____

Conductivity: _____ pH: _____ Temperature (°C): _____

Feedwater Analysis: Please give units (mg/L as ion or ppm as CaCO₃ or meq/L)

NH₄⁺ _____

K⁺ _____

Na⁺ _____

Mg²⁺ _____

Ca²⁺ _____

Ba²⁺ _____

Sr²⁺ _____

Fe²⁺ _____

Fe_(tot) _____

Mn²⁺ _____

Boron _____

Si³⁺ _____

Other Ions: _____

CO₂ _____

CO₃²⁻ _____

HCO₃⁻ _____

NO₃⁻ _____

Cl⁻ _____

F⁻ _____

SO₄²⁻ _____

PO₄³⁻ _____

S²⁻ _____

SiO₂ (colloidal) _____

SiO₂ (soluble) _____

TDS (by method): _____

TOC: _____

BOD: _____

COD: _____

AOC: _____

BDOC: _____

Total Alkalinity (m-value): _____

Carbonate Alkalinity (p-value): _____

Total Hardness: _____

Turbidity (NTU): _____

Silt Density Index (SDI): _____

Bacteria (count/ml): _____

Free Chlorine: _____

Remarks: (odor, smell, colour, biological activity, etc.): _____

Analysis By: _____

Date: _____