

SAFE WATER TECHNOLOGIES, INC.



COMMERCIAL / INDUSTRIAL REVERSE OSMOSIS SITE ANALYSIS

Fill out completely and return to SWT for quotation

Client: _____ Tel: _____ Fax: _____ Date: _____

Contact: _____ Job Name/Reference: _____

Site location: _____ Tel: _____ Fax: _____

Size of system (GPD): _____ Application: _____

Type of system: Tap Process Brackish Seawater Ultrapure Polish

Pretreatment: Required Supplied Not Needed Sediment Carbon Softener

Water storage tank: Required Supplied Not Needed Est. size: _____ X _____ Gallons: _____

Water usage: _____ GPD Hours per day in service: _____ Number of days per week in service: _____

Avail. elec: 110/50 120/60 220/50 220/60 240/50 240/60

Max. oper. temp.: _____ F. Min. oper. temp.: _____ F. Pipe size: _____ Avail PSI: _____

Water source: Well Surface Municipal Other: _____

Optional equipment: Carbon Post UV Post DI Pressure Tank Water Transfer Pumps

Water analysis: (Attach copy or fill out below)

Sodium: _____ PPM TDS: _____ PPM Hardness: _____ PPM Chlorine: _____ PPM Sulfides: _____ PPM

Sulfur: _____ PPM Color: _____ Tannins: _____ pH: _____ Other: _____

Cations	Ions (PPM)	Conversion	CaCO ₃ (PPM)	Anions	Ions (PPM)	Conversion	CaCO ₃ (PPM)
Calcium (Ca)	_____	x 2.50 =	_____	Bicarbonate (HCO ₃)	_____	x 0.82 =	_____
Magnesium (Mg)	_____	x 4.12 =	_____	Sulfate (SO ₄)	_____	x 1.04 =	_____
Sodium (Na)	_____	x 2.18 =	_____	Chloride (Cl)	_____	x 1.41 =	_____
Iron (Fe)	_____	x 1.79 =	_____	Fluoride (F)	_____	x 2.66 =	_____
Strontium (Sr)	_____	x 1.14 =	_____	Nitrates (NO ₃)	_____	x 0.81 =	_____
Barium (Ba)	_____	x 0.73 =	_____	Carbonate (CO ₃)	_____	x 1.67 =	_____
Potassium (K)	_____	x 1.28 =	_____	Phosphate (PO ₄)	_____	x 1.58 =	_____
Totals	_____		_____	Totals	_____		_____

*Total Cations should equal total Anions. Cations + Anions = TDS

Are there any other factors that may affect the performance of a system? (i.e.: Oil in the water, brackish water, salt air, or caustic environment that could cause corrosion): _____

Are there any special product water requirements? _____