

# 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 <sub>3</sub> (PPM)	Anions	Ions (PPM)	Conversion	CaCO <sub>3</sub> (PPM)
Calcium (Ca)	_____	x 2.50 =	_____	Bicarbonate (HCO <sub>3</sub> )	_____	x 0.82 =	_____
Magnesium (Mg)	_____	x 4.12 =	_____	Sulfate (SO <sub>4</sub> )	_____	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 <sub>3</sub> )	_____	x 0.81 =	_____
Barium (Ba)	_____	x 0.73 =	_____	Carbonate (CO <sub>3</sub> )	_____	x 1.67 =	_____
Potassium (K)	_____	x 1.28 =	_____	Phosphate (PO <sub>4</sub> )	_____	x 1.58 =	_____
<b>Totals</b>	_____		_____	<b>Totals</b>	_____		_____

\*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? \_\_\_\_\_