

# Water Analysis Guide

Requisite for a proper system proposal. Please fill in shaded areas.

Table 1	Cations	mg/l as Ion	Multiplier	ppm as CaCO <sub>3</sub>
	Ca		2.50	
	Mg		4.12	
	Na		2.18	
	K		1.28	
	Ba		0.73	
	Sr		1.14	

Table 2	Anions	mg/l as Ion	Multiplier	pm as CaCO <sub>3</sub>
	HCO <sub>3</sub>		0.82	
	CO <sub>3</sub>		1.67	
	OH		2.94	
	Cl		1.41	
	SO <sub>4</sub>		1.04	
	NO <sub>3</sub>		0.81	
	PO <sub>4</sub>		1.58	
	F		2.66	

Total from Table 1: Cations			Cations
Total from Table 2: Anions			Anions
Total of Table 1 & 2: Ions			Ions

TDS	
pH	
Mn	
H <sub>2</sub> S	
Odor	
Color	
Total Fe	
Turbidity	
Ionic SiO <sub>2</sub>	
Conductivity	

Ferric Iron	
Water Temperature	
Residual Cl <sub>2</sub>	
Total Hardness	
Silt Density Index	
P Alk. as CaCO <sub>3</sub>	
M Alk. as CaCO <sub>3</sub>	
Suspended Solids	
Total Organic Carbon	

Is the water source well or surface water? \_\_\_\_\_.

Private or municipal? \_\_\_\_\_.

Project Name? \_\_\_\_\_.