

Results

Parameter	Cal-Sag Channel	Maple Lake	Lake Michigan	Frankfort water	Softened	R.O
pH	7.4	8.2	7.2	7	7.3	5.8
EC	1520 uS/cm	257 uS/cm	308 uS/cm	990 uS/cm	1190 uS/cm	37 uS/cm
TDS	760 ppm	128.5 ppm	154 ppm	495 ppm	595 ppm	18.5 ppm
Temperature	49.7 oF	42.3 oF	71.8 oF	???	???	???
Nitrate	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm
Methyl Orange Acidity	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm
Phenolphthalein Acidity	50 ppm CaCO3	5 ppm	25 ppm	100 ppm	100 ppm	100 ppm
Phenolphthalein Alkalinity	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm
Bromophenol Blue Alkalinity	300 ppm CaCO3	150 ppm	180 ppm	870 ppm	630 ppm	50 ppm
Hardness	420 ppm CaCO3	120 ppm	150 ppm	720 ppm	60 ppm	0 ppm
Carbon Dioxide	4 ppm	5 ppm	25 ppm	90 ppm	90 ppm	90 ppm
Turbidity	0.6 inches	4-5 feet	<0.5 JTU/NTU	<0.5 NTU	<0.5 NTU	<0.5 NTU
Dissolved Oxygen	???	???	???	???	???	???
Phosphate	???	???	???	???	???	???