

## Water Quality Parameters Guide

Water Quality Parameters Measured by Tank				
	Units	Alarm Low	Goal	Alarm High
pH	--	7.00	8.00	9.00
Conductivity	mS	50	53	60
Temperature	°C	26.0	28.0	30.0
Water Level	in	6.0	8.0	12.0

Water Quality Parameters Measured Manually				
	Units	Too low	Goal	Too High
O <sub>2</sub>				
Nitrate (NO <sub>3</sub> -)	ppm	none	0.25	5.0+
Nitrite (NO <sub>2</sub> -)	ppm	none	0.2	0.75+
Ammonia (NH <sub>3</sub> )	ppm	none	0	0.2+

**Pressure gauges:** The pressure gauges read the water pressure before and after water enters the filtration system. The two gauges should be equal (especially right after replacing a filter). If the difference between the gauges exceeds 10psi, then the filters need to be cleaned or replaced.