

WATER QUALITY PARAMETERS - SHRIMP HATCHERY

KEY WATER QUALITY PARAMETERS	RECOMMENDED VALUES	CORRECTIVE ACTIONS
Temperature	between 27-30 °C	Reduce feeding
Dissolved Oxygen	at or above 5.0 mg/l	Increase aeration and water exchange reduce feeding
Total suspended solids	below 20mg/l	Increase water exchange
Ammonia (NH3)	below 0.5mg/l	Increase water exchange add denitrifying pre/pro biotics
Ammonium (NH4+)	below 1 mg/l	
Nitrite (NO2) mg/l <5.0	below 5.0 mg/l	
Nitrate (NO3) mg/l <200.0	below 200.0 mg/l	
pH	at or between 7.0-8.5	Increase water exchange add HCl or Sodium Bicarbonate