

Table 1. Guidelines for young stock water quality.

Item	Upper Levels	Maximum Tolerable Limit
Aluminum, ppm	5.00	10.00
Arsenic, ppm	0.20	0.20
Barium, ppm	1.00	1.00
Bicarbonate, ppm	1000	1000
Boron, ppm	5.00	30.00
Cadmium, ppm	0.01	0.05
Calcium, ppm	100	200
Chloride, ppm	100	300
Chromium, ppm	0.10	1.00
Copper, ppm	0.20	0.50
Fluoride, ppm	2.00	2.00
Iron, ppm	0.20	0.40
Lead, ppm	0.05	0.10
Magnesium, ppm	50.0	100.0
Manganese, ppm	0.05	0.50
Mercury, ppm	0.01	0.01
Molybdenum, ppm	0.03	0.06
Nickel, ppm	0.25	1.00
Nitrate-nitrogen, ppm	20.00	100.00
pH	6 to 8.4	8.5
Phosphorous, ppm	0.70	0.70
Potassium, ppm	20.00	20.00
Selenium, ppm	0.05	0.10
Silver, ppm	0.05	0.05
Sodium, ppm	50.00	300.00
Sulfates, ppm	50.00	300.00
TDS, ppm	960	3000
Vanadium, ppm	0.10	0.10
Zinc, ppm	5.00	25.00
Coliform, #/100 mL	0.50	0.50
Fecal coliform bacteria, #/100 mL	0.1	0.1
Total bacteria, #/100 mL	1000	1000