



User: Sean Brown  
Analysis ID: 44954

Tank ID: 21741

Date: 04.06.2019

Measurement	Value	Nominal value
Carbonate hardness:	7.4 °dKH	7.5 °dKH

Salinity: 31.37 PSU 35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	31.37 PSU	35.00 PSU	-3.63 PSU	

Carbonate hardness 7.40 °dKH 7.50 °dKH -0.10 °dKH

Major elements	Value	Ideal value	Difference	Status
Chloride	17442 mg/l	17745 mg/l	-303.40 mg/l	

Sodium 10027 mg/l 9859 mg/l +168.4 mg/l

Magnesium 1165 mg/l 1179 mg/l -13.55 mg/l

Sulfur 899.0 mg/l 824.5 mg/l +74.47 mg/l

Calcium 417.2 mg/l 377.3 mg/l +39.89 mg/l

Potassium 360.8 mg/l 365.7 mg/l -4.86 mg/l

Bromine 80.44 mg/l 60.05 mg/l +20.39 mg/l

Strontium 7.62 mg/l 7.17 mg/l +0.45 mg/l

Boron 4.75 mg/l 3.94 mg/l +0.81 mg/l

Fluorine 1.19 mg/l 1.17 mg/l +0.02 mg/l

Minor elements	Value	Ideal value	Difference	Status
Lithium	371.0 µg/l	152.4 µg/l	+218.6 µg/l	

Silicon 206.1 µg/l 89.62 µg/l +116.5 µg/l

Iodine 21.26 µg/l 58.26 µg/l -37.00 µg/l

Barium 15.31 µg/l 8.96 µg/l +6.35 µg/l



User: Sean Brown  
Analysis ID: 44954

Tank ID: 21741

Date: 04.06.2019

Molybdenum	23.53 µg/l	10.75 µg/l	+12.78 µg/l	✓
Nickel	n.u	0.45 µg/l		✓
Manganese	n.u	0.90 µg/l		✗
Arsenic	n.u	1.34 µg/l		✓
Beryllium	n.u	0.09 µg/l		✓
Chrome	n.u	0.45 µg/l		✓
Cobalt	n.u	0.09 µg/l		✓
Iron	n.u	0.45 µg/l		✓
Copper	n.u	0.45 µg/l		✓
Selenium	n.u	0.45 µg/l		✓
Silver	n.u	0.09 µg/l		✓
Vanadium	1.90 µg/l	1.34 µg/l	+0.56 µg/l	✓
Zinc	3.13 µg/l	1.79 µg/l	+1.34 µg/l	✓
Tin	9.46 µg/l	0.45 µg/l	+9.01 µg/l	✗
Nutrients	Value	Ideal value	Difference	Status
Nitrate	17.33 mg/l	2.00 mg/l	+15.33 mg/l	✗
Phosphorus	8.26 µg/l	13.44 µg/l	-5.18 µg/l	✗
Phosphate	0.03 mg/l	0.04 mg/l	-0.01 mg/l	✗
Pollutants	Value	Ideal value	Difference	Status
Aluminium	58.87 µg/l	0.09 µg/l	+58.78 µg/l	✗
Antimony	n.u	0.09 µg/l		✓
Bismuth	n.u	0.09 µg/l		✓



User: Sean Brown  
Analysis ID: 44954

Tank ID: 21741

Date: 04.06.2019

Lead	n.u	0.09 µg/l	✓
Cadmium	n.u	0.18 µg/l	✓
Lanthanum	n.u	n.u µg/l	✓
Thallium	n.u	0.09 µg/l	✓
Titanium	n.u	0.09 µg/l	✓
Tungsten	n.u	n.u µg/l	✓
Mercury	n.u	n.u µg/l	✓



User: Sean Brown  
Analysis ID: 44954

Tank ID: 21741

Date: 04.06.2019

**Recommendations:**

Supplement	Priority	Action	Daily dosis	Unit	Days
Mangan	Recommended Dosage		0,20	ml	1
Iod	Important	Dosage	0,10	ml	2

Additional action:

We recommend a salinity of 32 - 37 PSU

**ATI RECOMMENDES**

**Phosphorus might be limited, remove GFO (if in use), add phosphorus!**