



User: niels kjeldsen
Analysis ID: 15040

Tank ID: 8766

Date: 16.03.2018

Measurement	Value	Nominal value
Carbonate hardness:	6.92 °dKH	7.5 °dKH

Salinity: 33.59 PSU 35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	33.59 PSU	35.00 PSU	-1.41 PSU	✓

Carbonate hardness 6.92 °dKH 7.50 °dKH -0.58 °dKH ✓

Major elements	Value	Ideal value	Difference	Status
Chloride	19000 mg/l	19004 mg/l	-3.50 mg/l	✓

Sodium 10559 mg/l 10558 mg/l +1.50 mg/l ✓

Magnesium 1314 mg/l 1262 mg/l +51.90 mg/l ✓

Sulfur 1109 mg/l 883.0 mg/l +226.0 mg/l ↑

Calcium 521.3 mg/l 404.1 mg/l +117.2 mg/l ↑

Potassium 411.4 mg/l 391.6 mg/l +19.81 mg/l ✓

Bromine 48.34 mg/l 64.30 mg/l -15.96 mg/l ✓

Strontium 7.72 mg/l 7.68 mg/l +0.04 mg/l ✓

Boron 2.74 mg/l 4.22 mg/l -1.48 mg/l ✗

Fluorid 0.75 mg/l 1.25 mg/l -0.50 mg/l ✓

Minor elements	Value	Ideal value	Difference	Status
Lithium	218.1 µg/l	163.2 µg/l	+54.94 µg/l	✓

Silicon 231.2 µg/l 95.98 µg/l +135.2 µg/l ✓

Iodine 3.28 µg/l 62.39 µg/l -59.11 µg/l ↓

Barium 51.41 µg/l 9.60 µg/l +41.81 µg/l ✗



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Molybdenum	5.58 µg/l	11.52 µg/l	-5.94 µg/l	✖
Nickel	1.76 µg/l	0.48 µg/l	+1.28 µg/l	✓
Manganese	n.u	0.48 µg/l		✓
Arsenic	n.u	1.44 µg/l		✓
Beryllium	n.u	0.10 µg/l		✓
Chrome	n.u	0.48 µg/l		✓
Cobalt	n.u	0.10 µg/l		✓
Iron	n.u	0.48 µg/l		✓
Copper	n.u	0.48 µg/l		✓
Selenium	n.u	0.48 µg/l		✓
Silver	n.u	0.10 µg/l		✓
Vanadium	n.u	1.44 µg/l		✖
Zinc	1.46 µg/l	1.92 µg/l	-0.46 µg/l	✓
Tin	n.u	0.48 µg/l		✓

Nutrients	Value	Ideal value	Difference	Status
Nitrate	2.12 mg/l	2.00 mg/l	+0.12 mg/l	✓
Phosphorus	11.06 µg/l	7.68 µg/l	+3.38 µg/l	✓
Phosphate	0.03 mg/l	0.02 mg/l	+0.01 mg/l	✓
Pollutants	Value	Ideal value	Difference	Status
Aluminium	0.50 µg/l	0.10 µg/l	+0.40 µg/l	✓
Antimony	n.u	0.10 µg/l		✓
Bismuth	n.u	0.10 µg/l		✓



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Lead	n.u	0.10 µg/l	✓
Cadmium	n.u	0.19 µg/l	✓
Lanthanum	n.u	n.u µg/l	✓
Thallium	n.u	0.10 µg/l	✓
Titanium	n.u	0.10 µg/l	✓
Tungsten	n.u	n.u µg/l	✓
Mercury	n.u	n.u µg/l	✓



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Recommendations:

Supplement	Priority	Action	Daily dosis	Unit	Days
Bor	Important	Dosage	252,90	ml	2
Molybdän	Recommended	Dosage	25,20	ml	2
Vanadium	Recommended	Dosage	6,10	ml	2
Iod	Important	Dosage	3,30	ml	3

Additional action: change 3 x 20 % of water with natural seawater or "Absolute Ocean"
(weekly cycle)

ATI RECOMMEDES

Reduce calcium dosage a bit.