User: Dennis thompson
Analysis ID: 13084

Tank ID: 7733

Date: 02.02.2018

Measurement	Value	Nominal value
Carbonate hardness:	0 °dKH	7.5 °dKH
Salinity:	0.04 PSU	35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	0.04 PSU	35.00 PSU	-34.96 PSU	↓
Carbonate hardness	n.u	7.50 °dKH		↓

Major elements	Value	Ideal value	Difference	Status
Chloride	n.u	21.22 mg/l		↓
Sodium	23.58 mg/l	11.79 mg/l	+11.79 mg/l	↑
Magnesium	1.71 mg/l	1.41 mg/l	+0.30 mg/l	↗
Sulfur	n.u	0.99 mg/l		↓
Calcium	0.21 mg/l	0.45 mg/l	-0.24 mg/l	↓
Potassium	n.u	0.44 mg/l		↓
Bromine	n.u	0.07 mg/l		↓
Strontium	0.01 mg/l	0.01 mg/l	+0.00 mg/l	↗
Boron	0.00 mg/l	0.00 mg/l	+0.00 mg/l	✓
Fluorid	n.u	1.30 mg/l		↓

Minor elements	Value	Ideal value	Difference	Status
Lithium	3.38 µg/l	0.18 µg/l	+3.20 µg/l	↑
Silicon	n.u	0.11 µg/l		↓
Iodine	n.u	0.07 µg/l		↓
Barium	n.u	0.01 µg/l		↓

Molybdenum	n.u	0.01 µg/l		
Nickel	n.u	0.00 µg/l		
Manganese	n.u	0.00 µg/l		
Arsenic	n.u	0.00 µg/l		
Beryllium	n.u	0.00 µg/l		
Chrome	n.u	0.00 µg/l		
Cobalt	n.u	0.00 µg/l		
Iron	n.u	0.00 µg/l		
Copper	0.43 µg/l	0.00 µg/l	+0.43 µg/l	
Selenium	n.u	0.00 µg/l		
Silver	n.u	0.00 µg/l		
Vanadium	n.u	0.00 µg/l		
Zinc	n.u	0.00 µg/l		
Tin	n.u	0.00 µg/l		

Nutrients	Value	Ideal value	Difference	Status
Nitrate	n.u	2.00 mg/l		
Phosphorus	n.u	0.01 µg/l		
Phosphate	n.u	0.00 mg/l		

Pollutants	Value	Ideal value	Difference	Status
Aluminium	n.u	0.00 µg/l		
Antimony	n.u	0.00 µg/l		
Bismuth	n.u	0.00 µg/l		

Lead	n.u	0.00 µg/l	✔
Cadmium	n.u	0.00 µg/l	✔
Lanthanum	n.u	n.u µg/l	✔
Thallium	n.u	0.00 µg/l	✔
Titanium	n.u	0.00 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
Kalium	Recommended	Dosage	0,00	ml	1
Brom	Recommended	Dosage	0,00	ml	1
Strontium	Recommended	Dosage	0,00	ml	1
Calcium	Important	Dosage	0,00	ml	1
Molybdän	Recommended	Dosage	0,00	ml	1
Vanadium	Recommended	Dosage	0,00	ml	1
Iod	Important	Dosage	0,00	ml	1

Additional action: We recommend a salinity of 32 - 37 PSU

Additional action: We recommend a KH of 7 - 9 °dKH

Additional action: check salinity

Additional action: change 3 x 20 % of water (weekly cycle)

ATI RECOMMENDES **Change DI resin.**