User: Nico
Analysis ID: 30625

Tank ID: 15854

Date: 13.12.2018

Measurement	Value	Nominal value
Carbonate hardness:	7.6 °dKH	7.5 °dKH
Salinity:	32.94 PSU	35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	32.94 PSU	35.00 PSU	-2.06 PSU	✓
Carbonate hardness	7.60 °dKH	7.50 °dKH	+0.10 °dKH	✓

Major elements	Value	Ideal value	Difference	Status
Chloride	19183 mg/l	18636 mg/l	+547.1 mg/l	✓
Sodium	10049 mg/l	10353 mg/l	-304.30 mg/l	✓
Magnesium	1362 mg/l	1238 mg/l	+124.3 mg/l	✓
Sulfur	793.7 mg/l	865.9 mg/l	-72.21 mg/l	✓
Calcium	439.6 mg/l	396.2 mg/l	+43.35 mg/l	↗
Potassium	366.8 mg/l	384.0 mg/l	-17.21 mg/l	✓
Bromine	67.31 mg/l	63.06 mg/l	+4.25 mg/l	✓
Strontium	7.78 mg/l	7.53 mg/l	+0.25 mg/l	✓
Boron	4.17 mg/l	4.14 mg/l	+0.03 mg/l	✓
Fluorid	0.58 mg/l	1.22 mg/l	-0.64 mg/l	↘

Minor elements	Value	Ideal value	Difference	Status
Lithium	217.3 µg/l	160.0 µg/l	+57.29 µg/l	✓
Silicon	739.4 µg/l	94.12 µg/l	+645.3 µg/l	↑
Iodine	7.82 µg/l	61.18 µg/l	-53.36 µg/l	↓
Barium	11.23 µg/l	9.41 µg/l	+1.82 µg/l	✓

Molybdenum	3.07 µg/l	11.29 µg/l	-8.22 µg/l	
Nickel	n.u	0.47 µg/l		✓
Manganese	n.u	0.94 µg/l		
Arsenic	n.u	1.41 µg/l		✓
Beryllium	n.u	0.09 µg/l		✓
Chrome	n.u	0.47 µg/l		✓
Cobalt	n.u	0.09 µg/l		✓
Iron	n.u	0.47 µg/l		✓
Copper	n.u	0.47 µg/l		✓
Selenium	n.u	0.47 µg/l		✓
Silver	n.u	0.09 µg/l		✓
Vanadium	0.43 µg/l	1.41 µg/l	-0.98 µg/l	
Zinc	0.18 µg/l	1.88 µg/l	-1.70 µg/l	✓
Tin	n.u	0.47 µg/l		✓

Nutrients	Value	Ideal value	Difference	Status
Nitrate	6.67 mg/l	2.00 mg/l	+4.67 mg/l	✓
Phosphorus	14.70 µg/l	14.12 µg/l	+0.58 µg/l	✓
Phosphate	0.04 mg/l	0.04 mg/l	+0.00 mg/l	✓

Pollutants	Value	Ideal value	Difference	Status
Aluminium	4.80 µg/l	0.09 µg/l	+4.71 µg/l	✓
Antimony	n.u	0.09 µg/l		✓
Bismuth	n.u	0.09 µg/l		✓

Lead	n.u	0.09 µg/l	✔
Cadmium	n.u	0.19 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	✔

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Recommendations:

Supplement	Priority	Action	Daily dosis	Unit	Days
Fluor	Recommended	Dosage	5,90	ml	3
Molybdän	Recommended	Dosage	1,10	ml	2
Vanadium	Recommended	Dosage	0,30	ml	1
Mangan	Recommended	Dosage	0,30	ml	1
Iod	Important	Dosage	0,10	ml	3

Additional action: use silicat adsorber (check RO water)