User: nicolas sabrun
Analysis ID: 11913

Tank ID: 5093

Date: 23.01.2018

Measurement	Value	Nominal value
Carbonate hardness:	7.54 °dKH	7.5 °dKH
Salinity:	34.78 PSU	35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	34.78 PSU	35.00 PSU	-0.22 PSU	✓
Carbonate hardness	7.54 °dKH	7.50 °dKH	+0.04 °dKH	✓

Major elements	Value	Ideal value	Difference	Status
Chloride	19761 mg/l	19678 mg/l	+83.00 mg/l	✓
Sodium	10886 mg/l	10932 mg/l	-46.20 mg/l	✓
Magnesium	1391 mg/l	1307 mg/l	+84.10 mg/l	✓
Sulfur	1006 mg/l	914.3 mg/l	+91.67 mg/l	✓
Calcium	438.1 mg/l	418.4 mg/l	+19.69 mg/l	✓
Potassium	395.1 mg/l	405.5 mg/l	-10.39 mg/l	✓
Bromine	101.1 mg/l	66.59 mg/l	+34.51 mg/l	↑
Strontium	9.54 mg/l	7.95 mg/l	+1.59 mg/l	✓
Boron	4.24 mg/l	4.37 mg/l	-0.13 mg/l	✓
Fluorid	0.59 mg/l	1.30 mg/l	-0.71 mg/l	↓

Minor elements	Value	Ideal value	Difference	Status
Lithium	425.8 µg/l	169.0 µg/l	+256.8 µg/l	✓
Silicon	56.08 µg/l	99.38 µg/l	-43.30 µg/l	✓
Iodine	31.40 µg/l	64.60 µg/l	-33.20 µg/l	↓
Barium	17.15 µg/l	9.94 µg/l	+7.21 µg/l	✓

Molybdenum	22.65 µg/l	11.93 µg/l	+10.72 µg/l	✓
Nickel	n.u	0.50 µg/l		✓
Manganese	n.u	0.50 µg/l		✓
Arsenic	n.u	1.49 µg/l		✓
Beryllium	n.u	0.10 µg/l		✓
Chrome	n.u	0.50 µg/l		✓
Cobalt	n.u	0.10 µg/l		✓
Iron	n.u	0.50 µg/l		✓
Copper	3.05 µg/l	0.50 µg/l	+2.55 µg/l	✓
Selenium	n.u	0.50 µg/l		✓
Silver	n.u	0.10 µg/l		✓
Vanadium	n.u	1.49 µg/l		↘
Zinc	1.13 µg/l	1.99 µg/l	-0.86 µg/l	✓
Tin	3.36 µg/l	0.50 µg/l	+2.86 µg/l	✓

Nutrients	Value	Ideal value	Difference	Status
Nitrate	4.80 mg/l	2.00 mg/l	+2.80 mg/l	✓
Phosphorus	14.05 µg/l	7.95 µg/l	+6.10 µg/l	✓
Phosphate	0.04 mg/l	0.02 mg/l	+0.02 mg/l	✓

Pollutants	Value	Ideal value	Difference	Status
Aluminium	14.73 µg/l	0.10 µg/l	+14.63 µg/l	✓
Antimony	n.u	0.10 µg/l		✓
Bismuth	n.u	0.10 µg/l		✓

Lead	n.u	0.10 µg/l	✓
Cadmium	n.u	0.20 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	✓

Recommendations:

Supplement	Priority	Action	Daily dosis	Unit	Days
Vanadium	Recommended	Dosage	2,10	ml	2
Iod	Important	Dosage	0,90	ml	2

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

ATI RECOMMENDES **RO tube arrived leaked out, so we could not measure.**