User: Daniel Leal
Analysis ID: 17085

Tank ID: 9828

Date: 03.05.2018

Measurement	Value	Nominal value
Carbonate hardness:	7.37 °dKH	7.5 °dKH
Salinity:	33.04 PSU	35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	33.04 PSU	35.00 PSU	-1.96 PSU	✓
Carbonate hardness	7.37 °dKH	7.50 °dKH	-0.13 °dKH	✓

Major elements	Value	Ideal value	Difference	Status
Chloride	19179 mg/l	18694 mg/l	+485.1 mg/l	✓
Sodium	10116 mg/l	10386 mg/l	-269.50 mg/l	✓
Magnesium	1359 mg/l	1242 mg/l	+117.5 mg/l	✓
Sulfur	934.0 mg/l	868.6 mg/l	+65.40 mg/l	✓
Calcium	425.1 mg/l	397.5 mg/l	+27.62 mg/l	✓
Potassium	341.8 mg/l	385.2 mg/l	-43.41 mg/l	✗
Bromine	62.76 mg/l	63.26 mg/l	-0.50 mg/l	✓
Strontium	4.99 mg/l	7.55 mg/l	-2.56 mg/l	✗
Boron	4.49 mg/l	4.15 mg/l	+0.34 mg/l	✓
Fluorid	1.06 mg/l	1.23 mg/l	-0.17 mg/l	✓

Minor elements	Value	Ideal value	Difference	Status
Lithium	166.0 µg/l	160.5 µg/l	+5.50 µg/l	✓
Silicon	126.2 µg/l	94.41 µg/l	+31.79 µg/l	✓
Iodine	21.23 µg/l	61.37 µg/l	-40.14 µg/l	↓
Barium	4.38 µg/l	9.44 µg/l	-5.06 µg/l	✓

Molybdenum	16.26 µg/l	11.33 µg/l	+4.93 µg/l	✓
Nickel	n.u	0.47 µg/l		✓
Manganese	n.u	0.47 µg/l		✓
Arsenic	n.u	1.42 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	1.30 µg/l	1.42 µg/l	-0.12 µg/l	✓
Zinc	1.13 µg/l	1.89 µg/l	-0.76 µg/l	✓
Tin	n.u	0.47 µg/l		✓

Nutrients	Value	Ideal value	Difference	Status
Nitrate	16.73 mg/l	2.00 mg/l	+14.73 mg/l	✗
Phosphorus	6.77 µg/l	7.55 µg/l	-0.78 µg/l	✓
Phosphate	0.02 mg/l	0.02 mg/l	+0.00 mg/l	✓

Pollutants	Value	Ideal value	Difference	Status
Aluminium	5.79 µg/l	0.09 µg/l	+5.70 µg/l	✓
Antimony	n.u	0.09 µg/l		✓
Bismuth	n.u	0.09 µg/l		✓

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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
Kalium	Recommended	Dosage	52,10	ml	5
Strontium	Recommended	Dosage	78,30	ml	2
Iod	Important	Dosage	0,80	ml	3

ATI RECOMMENDES **Adjust iodine dosage.**