User: Larry Broderick
Analysis ID: 66097

Tank ID: 12876

Date: 12.02.2020

Measurement	Value	Nominal value
Carbonate hardness:	8.47 °dKH	7.5 °dKH
Salinity:	32.98 PSU	35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	32.98 PSU	35.00 PSU	-2.02 PSU	✓
Carbonate hardness	8.47 °dKH	7.50 °dKH	+0.97 °dKH	✓

Major elements	Value	Ideal value	Difference	Status
Chloride	19135 mg/l	18655 mg/l	+480.1 mg/l	✓
Sodium	10097 mg/l	10364 mg/l	-266.80 mg/l	✓
Magnesium	1326 mg/l	1239 mg/l	+87.05 mg/l	✓
Sulfur	945.8 mg/l	866.8 mg/l	+79.01 mg/l	✓
Calcium	414.7 mg/l	396.7 mg/l	+18.05 mg/l	✓
Potassium	396.4 mg/l	384.4 mg/l	+12.00 mg/l	✓
Bromine	90.34 mg/l	63.13 mg/l	+27.21 mg/l	✗
Strontium	7.96 mg/l	7.54 mg/l	+0.42 mg/l	✓
Boron	4.49 mg/l	4.15 mg/l	+0.34 mg/l	✓
Fluorine	0.98 mg/l	1.22 mg/l	-0.24 mg/l	✓

Minor elements	Value	Ideal value	Difference	Status
Lithium	338.8 µg/l	160.2 µg/l	+178.6 µg/l	✓
Silicon	86.32 µg/l	94.22 µg/l	-7.90 µg/l	✓
Iodine	28.80 µg/l	61.24 µg/l	-32.44 µg/l	✗
Barium	4.00 µg/l	9.42 µg/l	-5.42 µg/l	✓

Molybdenum	n.u	11.31 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	n.u	1.41 µg/l		↗
Zinc	n.u	1.88 µg/l		✓
Tin	10.82 µg/l	0.47 µg/l	+10.35 µg/l	↗

Nutrients	Value	Ideal value	Difference	Status
Nitrate	22.73 mg/l	2.00 mg/l	+20.73 mg/l	↗
Phosphorus	36.51 µg/l	14.13 µg/l	+22.38 µg/l	↗
Phosphate	0.11 mg/l	0.04 mg/l	+0.07 mg/l	↗

Pollutants	Value	Ideal value	Difference	Status
Aluminium	6.31 µg/l	0.09 µg/l	+6.22 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
Molybdän	Recommended	Dosage	4,10	ml	3
Vanadium	Recommended	Dosage	0,80	ml	2
Mangan	Recommended	Dosage	1,00	ml	1
Iod	Important	Dosage	0,40	ml	2

ATI RECOMMENDES **Adjust molybdenum dosage.**