User: Brandon Clark
Analysis ID: 72767

Tank ID: 15882

Date: 08.04.2020

Measurement	Value	Nominal value
Carbonate hardness:	8.46 °dKH	7.5 °dKH
Salinity:	35.62 PSU	35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	35.62 PSU	35.00 PSU	+0.62 PSU	✓
Carbonate hardness	8.46 °dKH	7.50 °dKH	+0.96 °dKH	✓

Major elements	Value	Ideal value	Difference	Status
Chloride	20294 mg/l	20151 mg/l	+143.0 mg/l	✓
Sodium	11115 mg/l	11195 mg/l	-80.00 mg/l	✓
Magnesium	1416 mg/l	1338 mg/l	+77.69 mg/l	✓
Sulfur	956.9 mg/l	936.3 mg/l	+20.59 mg/l	✓
Calcium	436.4 mg/l	428.5 mg/l	+7.94 mg/l	✓
Potassium	342.0 mg/l	415.2 mg/l	-73.23 mg/l	↓
Bromine	78.86 mg/l	68.19 mg/l	+10.67 mg/l	✓
Strontium	4.85 mg/l	8.14 mg/l	-3.29 mg/l	↘
Boron	3.85 mg/l	4.48 mg/l	-0.63 mg/l	✓
Fluorine	0.17 mg/l	1.32 mg/l	-1.15 mg/l	↓

Minor elements	Value	Ideal value	Difference	Status
Lithium	346.6 µg/l	173.0 µg/l	+173.6 µg/l	✓
Silicon	174.1 µg/l	101.8 µg/l	+72.33 µg/l	✓
Iodine	16.01 µg/l	66.15 µg/l	-50.14 µg/l	↓
Barium	9.77 µg/l	10.18 µg/l	-0.41 µg/l	✓

Molybdenum	2.38 µg/l	12.21 µg/l	-9.83 µg/l	↓
Nickel	n.u	0.51 µg/l		✓
Manganese	n.u	1.02 µg/l		✓
Arsenic	n.u	1.53 µg/l		✓
Beryllium	n.u	0.10 µg/l		✓
Chrome	n.u	0.51 µg/l		✓
Cobalt	n.u	0.10 µg/l		✓
Iron	n.u	0.51 µg/l		✓
Copper	n.u	0.51 µg/l		✓
Selenium	n.u	0.51 µg/l		✓
Silver	n.u	0.10 µg/l		✓
Vanadium	n.u	1.53 µg/l		✓
Zinc	1.55 µg/l	2.04 µg/l	-0.49 µg/l	✓
Tin	n.u	0.51 µg/l		✓

Nutrients	Value	Ideal value	Difference	Status
Nitrate	7.26 mg/l	2.00 mg/l	+5.26 mg/l	✓
Phosphorus	4.43 µg/l	15.27 µg/l	-10.84 µg/l	↓
Phosphate	0.01 mg/l	0.05 mg/l	-0.04 mg/l	↓

Pollutants	Value	Ideal value	Difference	Status
Aluminium	2.04 µg/l	0.10 µg/l	+1.94 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	✔

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Recommendations:

Supplement	Priority	Action	Daily dosis	Unit	Days
Kalium	Recommended	Dosage	11,00	ml	8
Strontium	Recommended	Dosage	20,20	ml	2
Fluor	Recommended	Dosage	13,80	ml	5
Molybdän	Recommended	Dosage	3,00	ml	2
Vanadium	Recommended	Dosage	0,50	ml	2
Mangan	Recommended	Dosage	0,60	ml	1
Iod	Important	Dosage	0,20	ml	3

ATI RECOMMENDES **Phosphorus might be limited, remove GFO (if in use), add phosphorus! Adjust iodine and molybdenum dosage.**