User: Jake Bernstein
Analysis ID: 26557

Tank ID: 8292

Date: 22.10.2018

Measurement	Value	Nominal value
Carbonate hardness:	8.74 °dKH	7.5 °dKH
Salinity:	35.23 PSU	35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	35.23 PSU	35.00 PSU	+0.23 PSU	✓
Carbonate hardness	8.74 °dKH	7.50 °dKH	+1.24 °dKH	✓

Major elements	Value	Ideal value	Difference	Status
Chloride	20117 mg/l	19928 mg/l	+189.5 mg/l	✓
Sodium	10966 mg/l	11071 mg/l	-104.80 mg/l	✓
Magnesium	1402 mg/l	1323 mg/l	+78.53 mg/l	✓
Sulfur	775.9 mg/l	925.9 mg/l	-150.02 mg/l	✗
Calcium	429.6 mg/l	423.7 mg/l	+5.89 mg/l	✓
Potassium	475.8 mg/l	410.6 mg/l	+65.17 mg/l	↑
Bromine	49.11 mg/l	67.43 mg/l	-18.32 mg/l	✗
Strontium	10.70 mg/l	8.05 mg/l	+2.65 mg/l	↑
Boron	6.69 mg/l	4.43 mg/l	+2.26 mg/l	↑
Fluorid	0.53 mg/l	1.31 mg/l	-0.78 mg/l	✗

Minor elements	Value	Ideal value	Difference	Status
Lithium	455.5 µg/l	171.1 µg/l	+284.4 µg/l	✓
Silicon	140.5 µg/l	100.6 µg/l	+39.86 µg/l	✓
Iodine	35.41 µg/l	65.42 µg/l	-30.01 µg/l	✗
Barium	10.28 µg/l	10.06 µg/l	+0.22 µg/l	✓

Molybdenum	23.53 µg/l	12.08 µg/l	+11.45 µg/l	✓
Nickel	0.95 µg/l	0.50 µg/l	+0.45 µg/l	✓
Manganese	n.u	1.01 µg/l		✗
Arsenic	n.u	1.51 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	n.u	0.50 µg/l		✓
Selenium	n.u	0.50 µg/l		✓
Silver	n.u	0.10 µg/l		✓
Vanadium	0.47 µg/l	1.51 µg/l	-1.04 µg/l	✗
Zinc	0.68 µg/l	2.01 µg/l	-1.33 µg/l	✓
Tin	n.u	0.50 µg/l		✓

Nutrients	**Value**	**Ideal value**	**Difference**	**Status**
Nitrate	1.38 mg/l	2.00 mg/l	-0.62 mg/l	✓
Phosphorus	22.61 µg/l	8.05 µg/l	+14.56 µg/l	✓
Phosphate	0.07 mg/l	0.02 mg/l	+0.05 mg/l	✓

Pollutants	**Value**	**Ideal value**	**Difference**	**Status**
Aluminium	23.91 µg/l	0.10 µg/l	+23.81 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
Brom	Recommended	Dosage	4,60	ml	2
Fluor	Recommended	Dosage	2,40	ml	4
Vanadium	Recommended	Dosage	0,10	ml	2
Mangan	Recommended	Dosage	0,10	ml	1
Iod	Important	Dosage	0,00	ml	2