User: Dan Ray
Analysis ID: 53909

Tank ID: 24888

Date: 24.09.2019

Measurement	Value	Nominal value
Carbonate hardness:	8.41 °dKH	7.5 °dKH
Salinity:	33.76 PSU	35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	33.76 PSU	35.00 PSU	-1.24 PSU	✓
Carbonate hardness	8.41 °dKH	7.50 °dKH	+0.91 °dKH	✓

Major elements	Value	Ideal value	Difference	Status
Chloride	19400 mg/l	19098 mg/l	+301.8 mg/l	✓
Sodium	10443 mg/l	10610 mg/l	-167.10 mg/l	✓
Magnesium	1330 mg/l	1268 mg/l	+61.61 mg/l	✓
Sulfur	886.4 mg/l	887.4 mg/l	-0.99 mg/l	✓
Calcium	380.8 mg/l	406.1 mg/l	-25.28 mg/l	✗
Potassium	396.1 mg/l	393.5 mg/l	+2.56 mg/l	✓
Bromine	67.73 mg/l	64.63 mg/l	+3.10 mg/l	✓
Strontium	8.32 mg/l	7.72 mg/l	+0.60 mg/l	✓
Boron	3.79 mg/l	4.24 mg/l	-0.45 mg/l	✓
Fluorine	1.53 mg/l	1.25 mg/l	+0.28 mg/l	✓

Minor elements	Value	Ideal value	Difference	Status
Lithium	203.6 µg/l	164.0 µg/l	+39.63 µg/l	✓
Silicon	99.87 µg/l	96.46 µg/l	+3.41 µg/l	✓
Iodine	39.79 µg/l	62.70 µg/l	-22.91 µg/l	✗
Barium	8.99 µg/l	9.65 µg/l	-0.66 µg/l	✓

Molybdenum	9.42 µg/l	11.57 µg/l	-2.15 µg/l	✓
Nickel	n.u	0.48 µg/l		✓
Manganese	n.u	0.96 µg/l		✗
Arsenic	n.u	1.45 µg/l		✓
Beryllium	n.u	0.10 µg/l		✓
Chrome	n.u	0.48 µg/l		✓
Cobalt	n.u	0.10 µg/l		✓
Iron	n.u	0.48 µg/l		✓
Copper	n.u	0.48 µg/l		✓
Selenium	n.u	0.48 µg/l		✓
Silver	n.u	0.10 µg/l		✓
Vanadium	n.u	1.45 µg/l		✗
Zinc	n.u	1.93 µg/l		✓
Tin	n.u	0.48 µg/l		✓

Nutrients	Value	Ideal value	Difference	Status
Nitrate	0.01 mg/l	2.00 mg/l	-1.99 mg/l	✗
Phosphorus	10.10 µg/l	14.47 µg/l	-4.37 µg/l	✓
Phosphate	0.03 mg/l	0.04 mg/l	-0.01 mg/l	✓

Pollutants	Value	Ideal value	Difference	Status
Aluminium	31.02 µg/l	0.10 µg/l	+30.92 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	0.19 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
Calcium	Important	Dosage	2,50	ml	2
Vanadium	Recommended	Dosage	0,10	ml	2
Mangan	Recommended	Dosage	0,20	ml	1
Iod	Important	Dosage	0,00	ml	2