User: Matt koop
Analysis ID: 171853

Tank ID: 61660

Date: 03.05.2022

Base elements	Value	Ideal value	Difference	Status
Salinity	35.63 PSU	35.00 PSU	+0.63 PSU	✓
Carbonate hardness	8.60 °dKH	7.50 °dKH	+1.10 °dKH	✓

Major elements	Value	Ideal value	Difference	Status
Chloride	20074 mg/l	20138 mg/l	-63.90 mg/l	✓
Sodium	11223 mg/l	11188 mg/l	+35.30 mg/l	✓
Magnesium	1302 mg/l	1337 mg/l	-35.44 mg/l	✓
Sulfur	947.7 mg/l	935.7 mg/l	+12.00 mg/l	✓
Calcium	475.5 mg/l	428.2 mg/l	+47.31 mg/l	↗
Potassium	452.9 mg/l	415.0 mg/l	+37.94 mg/l	✓
Bromine	105.9 mg/l	68.14 mg/l	+37.76 mg/l	↑
Strontium	9.57 mg/l	8.14 mg/l	+1.43 mg/l	✓
Boron	6.63 mg/l	4.48 mg/l	+2.15 mg/l	↗
Fluorine	0.70 mg/l	1.32 mg/l	-0.62 mg/l	↘

Minor elements	Value	Ideal value	Difference	Status
Lithium	1401 µg/l	172.9 µg/l	+1228 µg/l	↑
Silicon	365.2 µg/l	101.7 µg/l	+263.5 µg/l	↗
Iodine	15.45 µg/l	66.11 µg/l	-50.66 µg/l	↓
Barium	2.99 µg/l	10.17 µg/l	-7.18 µg/l	↘
Molybdenum	15.92 µg/l	12.20 µg/l	+3.72 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	1.10 µg/l	1.53 µg/l	-0.43 µg/l	✓
Zinc	n.u	2.03 µg/l		✗
Tin	n.u	0.51 µg/l		✓

Nutrients	Value	Ideal value	Difference	Status
Nitrate	2.04 mg/l	2.00 mg/l	+0.04 mg/l	✓
Phosphorus	17.27 µg/l	15.26 µg/l	+2.01 µg/l	✓
Phosphate	0.05 mg/l	0.05 mg/l	+0.00 mg/l	✓

Pollutants	Value	Ideal value	Difference	Status
Aluminium	72.57 µg/l	0.10 µg/l	+72.47 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		✓

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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
Fluor	Recommended	Dosage	0,80	ml	3
Zink	Recommended	Dosage	0,10	ml	1
Mangan	Recommended	Dosage	0,00	ml	1
Iod	Important	Dosage	0,00	ml	3
Barium	Recommended	Dosage	0,30	ml	2

Additional action: change 3 x 20 % of water with natural seawater or "Absolute Ocean"

(weekly cycle)