User: Mrc
Analysis ID: 173218

Tank ID: 61961

Date: 11.05.2022

Base elements	Value	Ideal value	Difference	Status
Salinity	34.37 PSU	35.00 PSU	-0.63 PSU	✓
Carbonate hardness	8.78 °dKH	7.50 °dKH	+1.28 °dKH	✓

Major elements	Value	Ideal value	Difference	Status
Chloride	19737 mg/l	19442 mg/l	+295.2 mg/l	✓
Sodium	10637 mg/l	10801 mg/l	-164.00 mg/l	✓
Magnesium	1413 mg/l	1291 mg/l	+121.8 mg/l	✓
Sulfur	824.5 mg/l	903.4 mg/l	-78.86 mg/l	✓
Calcium	415.7 mg/l	413.4 mg/l	+2.32 mg/l	✓
Potassium	393.1 mg/l	400.6 mg/l	-7.52 mg/l	✓
Bromine	81.18 mg/l	65.79 mg/l	+15.39 mg/l	✓
Strontium	8.55 mg/l	7.86 mg/l	+0.69 mg/l	✓
Boron	4.65 mg/l	4.32 mg/l	+0.33 mg/l	✓
Fluorine	0.62 mg/l	1.28 mg/l	-0.66 mg/l	↘

Minor elements	Value	Ideal value	Difference	Status
Lithium	183.4 µg/l	166.9 µg/l	+16.47 µg/l	✓
Silicon	80.30 µg/l	98.19 µg/l	-17.89 µg/l	✓
Iodine	22.74 µg/l	63.82 µg/l	-41.08 µg/l	↓
Barium	23.81 µg/l	9.82 µg/l	+13.99 µg/l	✓
Molybdenum	20.97 µg/l	11.78 µg/l	+9.19 µg/l	✓
Nickel	5.02 µg/l	0.49 µg/l	+4.53 µg/l	↗

Manganese	n.u	0.98 µg/l		
Arsenic	n.u	1.47 µg/l		
Beryllium	n.u	0.10 µg/l		
Chrome	n.u	0.49 µg/l		
Cobalt	3.41 µg/l	0.10 µg/l	+3.31 µg/l	
Iron	10.08 µg/l	0.49 µg/l	+9.59 µg/l	
Copper	2.23 µg/l	0.49 µg/l	+1.74 µg/l	
Selenium	n.u	0.49 µg/l		
Silver	n.u	0.10 µg/l		
Vanadium	2.89 µg/l	1.47 µg/l	+1.42 µg/l	
Zinc	8.32 µg/l	1.96 µg/l	+6.36 µg/l	
Tin	27.92 µg/l	0.49 µg/l	+27.43 µg/l	

Nutrients	**Value**	**Ideal value**	**Difference**	**Status**
Nitrate	7.51 mg/l	2.00 mg/l	+5.51 mg/l	
Phosphorus	17.70 µg/l	14.73 µg/l	+2.97 µg/l	
Phosphate	0.05 mg/l	0.04 mg/l	+0.01 mg/l	

Pollutants	**Value**	**Ideal value**	**Difference**	**Status**
Aluminium	42.39 µg/l	0.10 µg/l	+42.29 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
Fluor	Recommended	Dosage	37,70	ml	3
Mangan	Recommended	Dosage	1,70	ml	1
Iod	Important	Dosage	0,50	ml	3

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