User: Robert Safron
Analysis ID: 22403

Tank ID: 10407

Date: 13.08.2018

Measurement	Value	Nominal value
Carbonate hardness:	7.29 °dKH	7.5 °dKH
Salinity:	35.64 PSU	35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	35.64 PSU	35.00 PSU	+0.64 PSU	✓
Carbonate hardness	7.29 °dKH	7.50 °dKH	-0.21 °dKH	✓

Major elements	Value	Ideal value	Difference	Status
Chloride	20873 mg/l	20164 mg/l	+708.7 mg/l	✓
Sodium	10808 mg/l	11202 mg/l	-394.40 mg/l	✓
Magnesium	1380 mg/l	1339 mg/l	+40.81 mg/l	✓
Sulfur	714.2 mg/l	936.9 mg/l	-222.72 mg/l	✗
Calcium	396.9 mg/l	428.7 mg/l	-31.84 mg/l	✗
Potassium	449.3 mg/l	415.5 mg/l	+33.79 mg/l	✓
Bromine	96.11 mg/l	68.23 mg/l	+27.88 mg/l	✗
Strontium	6.86 mg/l	8.15 mg/l	-1.29 mg/l	✓
Boron	3.25 mg/l	4.48 mg/l	-1.23 mg/l	✗
Fluorid	0.43 mg/l	1.32 mg/l	-0.89 mg/l	✗

Minor elements	Value	Ideal value	Difference	Status
Lithium	173.5 µg/l	173.1 µg/l	+0.37 µg/l	✓
Silicon	129.9 µg/l	101.8 µg/l	+28.06 µg/l	✓
Iodine	45.54 µg/l	66.20 µg/l	-20.66 µg/l	✗
Barium	66.62 µg/l	10.18 µg/l	+56.44 µg/l	✗

Molybdenum	n.u	12.22 µg/l		
Nickel	n.u	0.51 µg/l		
Manganese	n.u	1.02 µg/l		
Arsenic	0.48 µg/l	1.53 µg/l	-1.05 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	n.u	2.04 µg/l		
Tin	3.30 µg/l	0.51 µg/l	+2.79 µg/l	

Nutrients	Value	Ideal value	Difference	Status
Nitrate	2.82 mg/l	2.00 mg/l	+0.82 mg/l	
Phosphorus	3.49 µg/l	8.15 µg/l	-4.66 µg/l	
Phosphate	0.01 mg/l	0.02 mg/l	-0.01 mg/l	

Pollutants	Value	Ideal value	Difference	Status
Aluminium	3.15 µg/l	0.10 µg/l	+3.05 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	✔

Recommendations:

Supplement	Priority	Action	Daily dosis	Unit	Days
Bor	Important	Dosage	13,60	ml	2
Calcium	Important	Dosage	8,80	ml	2
Fluor	Recommended	Dosage	12,30	ml	4
Molybdän	Recommended	Dosage	2,20	ml	3
Vanadium	Recommended	Dosage	0,40	ml	2
Mangan	Recommended	Dosage	0,60	ml	1
Iod	Important	Dosage	0,10	ml	2

ATI RECOMMENDES **Phosphorus might be limited, remove GFO (if in use).**