



User: John Hellrung  
Analysis ID: 11273

Tank ID: 6643

Date: 03.01.2018

Measurement	Value	Nominal value
Carbonate hardness:	8.13 °dKH	7.5 °dKH

Salinity: 35.21 PSU 35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	35.21 PSU	35.00 PSU	+0.21 PSU	✓
Carbonate hardness	8.13 °dKH	7.50 °dKH	+0.63 °dKH	✓

Major elements	Value	Ideal value	Difference	Status
Chloride	20155 mg/l	19921 mg/l	+234.2 mg/l	✓
Sodium	10937 mg/l	11067 mg/l	-130.10 mg/l	✓
Magnesium	1391 mg/l	1323 mg/l	+67.98 mg/l	✓
Sulfur	955.6 mg/l	925.6 mg/l	+29.99 mg/l	✓
Calcium	497.9 mg/l	423.6 mg/l	+74.33 mg/l	✗
Potassium	397.4 mg/l	410.5 mg/l	-13.09 mg/l	✓
Bromine	68.17 mg/l	67.41 mg/l	+0.76 mg/l	✓
Strontium	10.21 mg/l	8.05 mg/l	+2.16 mg/l	✗
Boron	3.86 mg/l	4.43 mg/l	-0.57 mg/l	✓
Fluorid	1.17 mg/l	1.30 mg/l	-0.13 mg/l	✓

Minor elements	Value	Ideal value	Difference	Status
Lithium	201.5 µg/l	171.0 µg/l	+30.46 µg/l	✓
Silicon	164.5 µg/l	100.6 µg/l	+63.89 µg/l	✓
Iodine	26.65 µg/l	65.40 µg/l	-38.75 µg/l	✗
Barium	6.95 µg/l	10.06 µg/l	-3.11 µg/l	✓



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Molybdenum	14.05 µg/l	12.07 µg/l	+1.98 µg/l	✓
Nickel	n.u	0.50 µg/l		✓
Manganese	0.56 µg/l	0.50 µg/l	+0.06 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	n.u	1.51 µg/l		✗
Zinc	2.73 µg/l	2.01 µg/l	+0.72 µg/l	✓
Tin	n.u	0.50 µg/l		✓

Nutrients	Value	Ideal value	Difference	Status
Nitrate	0.13 mg/l	2.00 mg/l	-1.87 mg/l	✓
Phosphorus	10.09 µg/l	8.05 µg/l	+2.04 µg/l	✓
Phosphate	0.03 mg/l	0.02 mg/l	+0.01 mg/l	✓
Pollutants	Value	Ideal value	Difference	Status
Aluminium	88.26 µg/l	0.10 µg/l	+88.16 µg/l	✗
Antimony	n.u	0.10 µg/l		✓
Bismuth	n.u	0.10 µg/l		✓



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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	6.85 µg/l	n.u µg/l	+6.85 µg/l	↑



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**Recommendations:**

Supplement	Priority	Action	Daily dosis	Unit	Days
Vanadium	Recommended Dosage		2,70	ml	2

Iod	Important	Dosage	1,40	ml	2
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Additional action: change 3 x 20 % of water (weekly cycle)

**ATI RECOMMENDES**

**Results of RO water will follow.**