



User: John Hellrung
Analysis ID: 32996

Tank ID: 6643

Date: 25.01.2019

| Measurement | Value | Nominal value |
|---------------------|----------|---------------|
| Carbonate hardness: | 7.8 °dKH | 7.5 °dKH |

| | | |
|-----------|-----------|--------|
| Salinity: | 35.22 PSU | 35 PSU |
|-----------|-----------|--------|

| Base elements | Value | Ideal value | Difference | Status |
|-----------------|-----------|-------------|------------|--------|
| Salinity (NaCl) | 35.22 PSU | 35.00 PSU | +0.22 PSU | ✓ |

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|--------------------|-----------|-----------|------------|---|
| Carbonate hardness | 7.80 °dKH | 7.50 °dKH | +0.30 °dKH | ✓ |
|--------------------|-----------|-----------|------------|---|

| Major elements | Value | Ideal value | Difference | Status |
|----------------|------------|-------------|--------------|--------|
| Chloride | 19715 mg/l | 19922 mg/l | -207.10 mg/l | ✓ |

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|--------|------------|------------|-------------|---|
| Sodium | 11183 mg/l | 11068 mg/l | +115.2 mg/l | ✓ |
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|-----------|-----------|-----------|------------|---|
| Magnesium | 1326 mg/l | 1323 mg/l | +2.89 mg/l | ✓ |
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|--------|------------|------------|------------|---|
| Sulfur | 925.7 mg/l | 925.7 mg/l | +0.03 mg/l | ✓ |
|--------|------------|------------|------------|---|

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|---------|------------|------------|-------------|---|
| Calcium | 449.0 mg/l | 423.6 mg/l | +25.40 mg/l | ✓ |
|---------|------------|------------|-------------|---|

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|-----------|------------|------------|-------------|---|
| Potassium | 393.9 mg/l | 410.5 mg/l | -16.62 mg/l | ✓ |
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|---------|------------|------------|------------|---|
| Bromine | 66.22 mg/l | 67.41 mg/l | -1.19 mg/l | ✓ |
|---------|------------|------------|------------|---|

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|-----------|-----------|-----------|------------|---|
| Strontium | 9.89 mg/l | 8.05 mg/l | +1.84 mg/l | ✓ |
|-----------|-----------|-----------|------------|---|

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|-------|-----------|-----------|------------|---|
| Boron | 3.91 mg/l | 4.43 mg/l | -0.52 mg/l | ✓ |
|-------|-----------|-----------|------------|---|

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|----------|-----------|-----------|------------|---|
| Fluorine | 1.12 mg/l | 1.31 mg/l | -0.19 mg/l | ✓ |
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| Minor elements | Value | Ideal value | Difference | Status |
|----------------|------------|-------------|-------------|--------|
| Lithium | 197.5 µg/l | 171.0 µg/l | +26.45 µg/l | ✓ |

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|---------|------------|------------|-------------|---|
| Silicon | 168.9 µg/l | 100.6 µg/l | +68.28 µg/l | ✓ |
|---------|------------|------------|-------------|---|

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|--------|------------|------------|-------------|---|
| Iodine | 11.64 µg/l | 65.40 µg/l | -53.76 µg/l | ✗ |
|--------|------------|------------|-------------|---|

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|--------|-----------|------------|------------|---|
| Barium | 2.60 µg/l | 10.06 µg/l | -7.46 µg/l | ✗ |
|--------|-----------|------------|------------|---|



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| Molybdenum | 5.57 µg/l | 12.07 µg/l | -6.50 µg/l | ✖ |
|------------|------------|-------------|-------------|--------|
| Nickel | 3.61 µg/l | 0.50 µg/l | +3.11 µg/l | ✓ |
| Manganese | n.u | 1.01 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 | 6.37 µg/l | 0.50 µg/l | +5.87 µg/l | ✖ |
| Selenium | n.u | 0.50 µg/l | | ✓ |
| Silver | n.u | 0.10 µg/l | | ✓ |
| Vanadium | 1.36 µg/l | 1.51 µg/l | -0.15 µg/l | ✓ |
| Zinc | 38.22 µg/l | 2.01 µg/l | +36.21 µg/l | ✖ |
| Tin | 0.60 µg/l | 0.50 µg/l | +0.10 µg/l | ✓ |
| Nutrients | Value | Ideal value | Difference | Status |
| Nitrate | 12.08 mg/l | 2.00 mg/l | +10.08 mg/l | ✖ |
| Phosphorus | 15.02 µg/l | 15.09 µg/l | -0.07 µg/l | ✓ |
| Phosphate | 0.05 mg/l | 0.05 mg/l | +0.00 mg/l | ✓ |
| Pollutants | Value | Ideal value | Difference | Status |
| Aluminium | 53.99 µg/l | 0.10 µg/l | +53.89 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 | n.u | n.u µg/l | ✓ |



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Recommendations:

| Supplement | Priority | Action | Daily dosis | Unit | Days |
|------------|--------------------|--------|-------------|------|------|
| Molybdän | Recommended Dosage | | 11,50 | ml | 2 |
| Mangan | Recommended Dosage | | 3,60 | ml | 1 |
| Iod | Important | Dosage | 1,30 | ml | 3 |
| Barium | Recommended Dosage | | 26,40 | ml | 2 |

ATI RECOMMENDES

Trace metals are critically elevated, find source (corroding
metals/magnets, RO water, salt).