

RESULTS OF WATER ANALYSIS

1 sample supplied by Env Solutions Pty Ltd on 4/05/18. Lab Job No.G9984

Samples submitted by James Foster. Your Job: S1 Water

PO Box 248 BALLINA NSW 2478

| Parameter | Methods reference | Sample 1 S1 4/5/18 |
|-------------------------------|------------------------------------------------------------|-----------------------|
| | <i>Job No.</i> | <i>G9984/1</i> |
| pH | APHA 4500-H ⁺ -B | 6.50 |
| Total Suspended Solids (mg/L) | GFC equiv. filter - APHA 2540-D | 12 |
| Turbidity (NTU) | APHA 2130 | 29 |
| Aluminium (mg/L) | Total Available - APHA 3125 ICPMS ^{*note 1&2} | 0.050 |

Notes:

- Total metals - samples digested with nitric acid; Total available (acid soluble/ extractable) metals - samples acidified with nitric acid to pH <2
Dissolved metals - samples filtered through 0.45µm cellulose acetate and then acidified with nitric acid prior to analysis
- Metals and salts analysed by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS).
- 1 mg/L (milligram per litre) = 1 ppm (part per million) = 1000 µg/L (micrograms per litre) = 1000 ppb (part per billion).
- For conductivity 1 dS/m = 1 mS/cm = 1000 µS/cm.
- Analysis performed according to APHA (2017) 'Standard Methods for the Examination of Water & Wastewater', 23rd Edition, except where stated otherwise.
- Analysis conducted between sample arrival date and reporting date.
- ** NATA accreditation does not cover the performance of this service.
- .. Denotes not requested.
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