

RESULTS OF WATER ANALYSIS

1 sample supplied by Env Solutions Pty Ltd on 9/04/18. Lab Job No.G9137

Samples submitted by Rob Mitchell. Your Job: BHQ1

PO Box 248 BALLINA NSW 2478

Parameter	Methods reference	Sample 1 BHQ1 18080
	<i>Job No.</i>	<i>G9137/1</i>
pH	APHA 4500-H ⁺ -B	7.27
Total Suspended Solids (mg/L)	GFC equiv. filter - APHA 2540-D	6
Turbidity (NTU)	APHA 2130	11
Aluminium (mg/L)	Dissolved - APHA 3125 ICPMS ^{*note 1&2}	0.013

Notes:

1. 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
2. Metals and salts analysed by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS).
3. 1 mg/L (milligram per litre) = 1 ppm (part per million) = 1000 µg/L (micrograms per litre) = 1000 ppb (part per billion).
4. For conductivity 1 dS/m = 1 mS/cm = 1000 µS/cm.
5. Analysis performed according to APHA (2017) 'Standard Methods for the Examination of Water & Wastewater', 23rd Edition, except where stated otherwise.
6. Analysis conducted between sample arrival date and reporting date.
7. ** NATA accreditation does not cover the performance of this service.
8. .. Denotes not requested.
9. This report is not to be reproduced except in full.

