

DATE OF ISSUE: 23/01/23

REPORT NO: WN230069

Water Analysis Report

REPORT NO:	WN230069	ISSUE DATE:	23/01/23
DATE SAMPLES RECEIVED:	17/01/23	PURCHASE ORDER:	
SAMPLES RECEIVED:	2	COMMENT:	Results relate only to items tested.

SUBMITTER:	David Cash
COMPANY:	Richmond Valley Council
ADDRESS:	Locked Bag 10 CASINO NSW 2470,

METHOD ID	ANALYSIS METHOD
MB402	E.Coli and Total Coliforms in Water
MB407	Heterotrophic Plate Count
W107	EC, pH, Alkalinity & Chloride in water by autotitrator
C806	Calculations **
W112	Turbidity of water
W111	Determination of True and Apparent Colour in Water
W115	Total Suspended Solids and Fixed/Volatile Suspended Solids
C804	Hardness
M670	Elements and Metals by ICP-AES
W110	Organic Carbon in water
M671	Elements and Metals by ICP-MS

****NATA Accreditation does not cover the performances of this service.**

LABORATORY NOTES

- Results are expressed on an 'as received' basis unless otherwise stated.
- This report should not be reproduced except in full.
- Samples will be retained for one calendar month from the date of the final report. Samples will then be discarded.
- Clients wishing to recover their samples must contact the laboratory within this period.
- This laboratory will return residual samples at client expense.

Approved for Release by: 

Steven Leahy
Chemist

Accreditation No. 14173
Accredited for compliance with
ISO/IEC 17025 - Testing



Wollongbar Agricultural Institute (WWAI)
1243 Bruxner Hwy

Wollongbar NSW 2477

T: 02 6626 1103

E: wollongbar.csu@dpi.nsw.gov.au

W: www.dpi.nsw.gov.au



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ANALYSIS RESULTS				
			1	2
Test Description	LOR	UNITS	RVC Finished Water	RVC Raw Water
Date Sampled		Date	17/01/23	17/01/23
Sampled By			MM	RG
Time Sampled		Time	11:45	10:30
Total coliforms in water	1	MPN/100 mL	<1	1,000
E.Coli in water	1	MPN/100 mL	<1	18
Heterotrophic Plate Count_HPC	2	MPN	<2	266
pH		pH units	7.8	7.8
TDS _(calc)	6	mg/L	270	230
Electrical Conductivity	10	µS/cm	400	340
Alkalinity	14	mg/L CaCO ₃	130	140
Turbidity	0.07	NTU	0.10	20
Apparent colour	1	CU	<1	123
True Colour	1	CU	<1.0	11
Total Suspended Solids	1.0	mg/L	1.0	23
Hardness	1.0	mg/L CaCO ₃	120	110
Calcium	0.03	mg/L	24	22
Magnesium	0.006	mg/L	14	13
Total Organic Carbon	0.2	mg/L	1.7	3.6
Total Aluminium	1.0	µg/L	28	450
Dissolved Aluminium	1.0	µg/L	28	16
Total Iron	5	µg/L	<5.0	880
Dissolved Iron	0.1	µg/L	0.30	19
Total Manganese	0.5	µg/L	1.1	120
Dissolved Manganese	0.1	µg/L	0.35	17