

DATE OF ISSUE: 22/12/22

REPORT NO: WN222461

Water Analysis Report

REPORT NO:	WN222461	ISSUE DATE:	22/12/22
DATE SAMPLES RECEIVED:	13/12/22	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

RVC Raw & Finished Weekly

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- 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

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ANALYSIS RESULTS				
			1	2
Test Description	LOR	UNITS	RVC Finished Water	RVC Raw Water
Date Sampled		Date	13/12/2022	13/12/2022
Sampled By			GK	GK
Time Sampled		Time	12:25:00	12:15:00
Total coliforms in water	1	MPN/100 mL	<1	1,300
E.Coli in water	1	MPN/100 mL	<1	28
Heterotrophic Plate Count_HPC	2	MPN	<2	2,550
pH		pH units	7.8	8.0
TDS _(calc)	6	mg/L	300	240
Electrical Conductivity	10	µS/cm	440	360
Alkalinity	14	mg/L CaCO ₃	120	130
Turbidity	0.07	NTU	0.081	20
Apparent colour	1	CU	<1	109
True Colour	1	CU	<1.0	9.2
Total Suspended Solids	1.0	mg/L	<1.0	24
Hardness	1.0	mg/L CaCO ₃	64	120
Calcium	0.03	mg/L	25	26
Magnesium	0.006	mg/L	0.47	14
Total Organic Carbon	0.2	mg/L	0.98	2.6
Total Aluminium	1.0	µg/L	31	780
Dissolved Aluminium	1.0	µg/L	31	11
Total Iron	5	µg/L	<5.0	1,300
Dissolved Iron	0.1	µg/L	0.75	10
Total Manganese	0.5	µg/L	1.6	100
Dissolved Manganese	0.1	µg/L	0.18	1.6