

DATE OF ISSUE: 22/11/22

REPORT NO: WN222151

Water Analysis Report

REPORT NO:	WN222151	ISSUE DATE:	22/11/22
DATE SAMPLES RECEIVED:	15/11/22	PURCHASE ORDER:	PO# PU072281
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
W110	Organic Carbon in water
C804	Hardness
M670	Elements and Metals by ICP-AES

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

LABORATORY NOTES

RVC Raw & Finished Weekly

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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
Total coliforms in water	1	MPN/100 mL	<1	1,900
E.Coli in water	1	MPN/100 mL	<1	20
Heterotrophic Plate Count_HPC	2	MPN	<2	2,650
pH		pH units	7.7	7.9
TDS _(calc)	6	mg/L	260	220
Electrical Conductivity	10	µS/cm	390	320
Alkalinity	14	mg/L CaCO ₃	120	120
Turbidity	0.07	NTU	0.091	20
Apparent colour	1	CU	<1	97
True Colour	1	CU	<1.0	9.5
Total Suspended Solids	1.0	mg/L	<1.0	28
Total Organic Carbon	0.2	mg/L	0.88	2.3
Hardness	1.0	mg/L CaCO ₃	130	130
Calcium	0.03	mg/L	26	27
Magnesium	0.006	mg/L	16	16
Total Aluminium	0.05	mg/L	<0.05	0.84
Dissolved Aluminium	0.05	mg/L	0.060	0.056
Total Iron	0.01	mg/L	<0.01	1.4
Dissolved Iron	0.003	mg/L	<0.003	0.040
Total Manganese	0.01	mg/L	<0.01	0.083
Dissolved Manganese	0.001	mg/L	0.001	0.029