

DATE OF ISSUE: 18/11/22

REPORT NO: WN222095

Water Analysis Report

REPORT NO:	WN222095	ISSUE DATE:	18/11/22
DATE SAMPLES RECEIVED:	9/11/22	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
W107	EC, pH, Alkalinity & Chloride in water by autotitrator
C806	Calculations **
W111	Determination of True and Apparent Colour in Water
W112	Turbidity of water
C804	Hardness
M670	Elements and Metals by ICP-AES
W115	Total Suspended Solids and Fixed/Volatile Suspended Solids
W110	Organic Carbon in water
MB402	E.Coli and Total Coliforms in Water
MB407	Heterotrophic Plate Count

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


LABORATORY NOTES

RVC Raw and Finished Weekly

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Industry recommended holding times from sampling to analysis of pH, EC and turbidity is <24 hours. Holding times have been exceeded which has an undetermined impact on results.

- 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				
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Test Description	LOR	UNITS	RVC Finished Water	RVC Raw Water
pH		pH units	7.6	7.9
TDS _(calc)	6	mg/L	250	200
Alkalinity	14	mg/L CaCO ₃	110	120
Apparent colour	1	CU	<1	115
True Colour	1	CU	<1.0	12
Turbidity	0.07	NTU	0.32	26
Electrical Conductivity	10	µS/cm	370	300
Hardness	1.0	mg/L CaCO ₃	110	110
Calcium	0.03	mg/L	23	23
Magnesium	0.006	mg/L	13	13
Total Suspended Solids	1.0	mg/L	1.0	33
Total Aluminium	0.05	mg/L	<0.05	1.2
Dissolved Aluminium	0.05	mg/L	<0.05	0.062
Total Iron	0.01	mg/L	<0.01	2.0
Dissolved Iron	0.003	mg/L	<0.003	0.11
Total Manganese	0.01	mg/L	<0.01	0.080
Dissolved Manganese	0.001	mg/L	0.001	0.036
Total Organic Carbon	0.2	mg/L	0.86	2.1
E.Coli in water	1	MPN/100 mL	<1	57
Total coliforms in water	1	MPN/100 mL	<1	3,200
Heterotrophic Plate Count_HPC	2	MPN	<2	6,000