

DATE OF ISSUE: 9/12/22

REPORT NO: WN222293

## Water Analysis Report

REPORT NO: WN222293 ISSUE DATE: 9/12/22

DATE SAMPLES RECEIVED: 29/11/22  
SAMPLES RECEIVED: 9

PURCHASE ORDER:  
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
W112	Turbidity of water
M671	Elements and Metals by ICP-MS
W141	Ammonia Nitrogen by FIA
W151	Nitrite Nitrogen by FIA
W153	Oxidised Nitrogen by FIA
W111	Determination of True and Apparent Colour in Water

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

### LABORATORY NOTES

RVC Casino and Lower River Monthly

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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

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



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ANALYSIS RESULTS											
			1	2	3	4	5	6	7	8	9
Test Description	LOR	UNITS	Woodburn Riverside Park	Rileys Hill Community Centre	Broadwater Community Centre	Evans Head School	Evans High Zone	Coraki Memorial Park	Box Ridge	Casino Sextonville Rd	Casino Walker Street
Date Sampled		Date	29.11.22	29.11.22	29.11.22	29.11.22	29.11.22	29.11.22	29.11.22	29.11.22	29.11.22
Sampled By			MW	MW	MW	MW	MW	MW	MW	MW	MW
Time Sampled		Time	7:15:00 AM	7:25 AM	7:35:00 AM	7:55 AM	8:05 AM	10:00 AM	10:20 AM	10:45 AM	11:00 AM
Field Total Chlorine**	0.05	mg/L	0.69	1.2	1.3	1.1	0.90	0.96	0.91	0.78	1.0
Field Free Chlorine**	0.05	mg/L	0.59	1.2	1.1	0.91	0.78	0.87	0.78	0.52	0.78
Field pH**	1	pH units	8.2	8.3	8.2	8.2	8.2	8.3	8.1	7.9	7.8
Field Temperature**	1	°C	24.5	23.3	23.5	25.9	23.0	25.7	29.5	28.3	25.9
Field Turbidity**	0.07	NTU	0.34	0.19	0.16	0.26	0.19	0.28	0.30	0.33	0.21
Field Dissolved Oxygen**	1	mg/L	8.4	8.6	8.4	8.4	8.3	8.0	7.9	7.6	7.8
Total Aluminium	1.0	µg/L								32	41
Total Iron	5	µg/L								<5.0	<5.0
Total Manganese	0.5	µg/L								1.6	1.5
Total Copper	0.5	µg/L								2.9	8.1
Total Lead	0.5	µg/L								<0.50	0.78
Total Zinc	1	µg/L								8.2	17
Ammonium Nitrogen	0.02	mg/L								<0.020	<0.020
Nitrite Nitrogen	0.01	mg/L								<0.010	<0.010
Nitrate Nitrogen	0.02	mg/L								<0.020	<0.020
True Colour	1	CU								<1.0	<1.0