

REPORT NO: WN230411

Water Analysis Report

REPORT NO: WN230411 **ISSUE DATE:** 15/03/23

DATE SAMPLES RECEIVED: 8/03/23 **PURCHASE ORDER:**
SAMPLES RECEIVED: 10 **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

REPORT AUTHORISATION

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	10
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 15-17 Sheppard St	Casino North Reservoir	Casino Walker Street
Date Sampled		Date	7/03/2023	7/03/2023	7/03/2023	7/03/2023	7/03/2023	7/03/2023	7/03/2023	7/03/2023	7/03/2023	7/03/2023
Sampled By			MW	MW	MW	MW	MW	MW	MW	MW	MW	MW
Time Sampled		Time	8:00:00 AM	8:15:00 AM	8:25:00 AM	8:45:00 AM	8:55:00 AM	11:00:00 AM	11:15:00 AM	12:20:00 PM	7:12:00 AM	12:10:00 PM
Field Total Chlorine**	0.05	mg/L	0.65	0.42	0.65	0.96	0.54	0.74	0.80	1.1	1.4	1.2
Field Free Chlorine**	0.05	mg/L	0.51	0.28	0.51	0.76	0.49	0.54	0.55	0.89	1.1	0.90
Field pH**	1	pH units	7.7	7.7	7.8	7.8	7.9	8.2	8.0	7.9	8.0	7.9
Field Temperature**	1	°C	25.5	24.0	25.0	26.7	25.1	29.5	28.6	27.9	27.1	29.4
Field Turbidity**	0.07	NTU	0.16	0.19	0.18	0.18	0.16	0.20	0.22	0.16	0.20	0.30
Field Dissolved Oxygen** in %	1	%	96	98	99	95	94	96	94	96	95	92
Total Aluminium	1.0	µg/L								24	24	25
Total Iron	5	µg/L								<5	<5	<5
Total Manganese	0.5	µg/L								4.6	11	9.2
Total Copper	0.5	µg/L								4.1	8.3	6.8
Total Lead	0.5	µg/L								<0.50	<0.50	<0.50
Total Zinc	1	µg/L								1.6	1.3	4.3
Ammonium Nitrogen	0.02	mg/L								<0.02	<0.02	<0.02
Nitrite Nitrogen	0.01	mg/L								<0.01	<0.01	<0.01
Nitrate Nitrogen	0.02	mg/L								0.044	0.039	0.031
True Colour	1	CU								<1	<1	<1

LABORATORY NOTES

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

RVC Casino and Lower River Monthly

- Results are expressed on an 'as received' basis unless otherwise stated.

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- This report should not be reproduced except in full.
- Samples will be retained for one calendar month from the date of the final report and then discarded.
- Clients wishing to recover their samples must contact the laboratory within this period.
- Sample return is at the clients expense.
- Results for elements analysed by ICP are reported in mg/L for ICP-OES and low level analysis in ug/L for ICP-MS