

REPORT NO: WN230622

Water Analysis Report

REPORT NO: WN230622 **ISSUE DATE:** 13/04/23

DATE SAMPLES RECEIVED: 4/04/23 **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



Wollongbar Agricultural Institute (WWAI)
1243 Bruxner Hwy
Wollongbar NSW 2477
T: 02 6828 1103
E: wollongbar.csu@dpi.nsw.gov.au
W: www.dpi.nsw.gov.au

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 St
Date Sampled		Date	4/04/2023	4/04/2023	4/04/2023	4/04/2023	4/04/2023	4/04/2023	4/04/2023	4/04/2023	4/04/2023	4/04/2023
Sampled By			MW	MW	MW	MW	MW	MW	MW	MW	MW	MW
Time Sampled		Time	7:55:00 AM	8:10:00 AM	8:20:00 AM	8:45:00 AM	8:55:00 AM	9:50:00 AM	10:05:00 AM	10:55:00 AM	11:05:00 AM	10:40:00 AM
Field Total Chlorine**	0.05	mg/L	1.0	1.0	1.0	1.0	0.69	0.96	0.98	1.2	1.4	1.2
Field Free Chlorine**	0.05	mg/L	0.74	0.72	0.80	0.70	0.52	0.76	0.76	1.1	1.2	1.1
Field pH**	1	pH units	7.6	7.7	7.7	7.6	7.8	8.1	8.0	7.8	7.8	7.9
Field Temperature**	1	°C	24.4	22.5	23.4	24.3	23.3	27.7	25.9	25.5	24.1	25.4
Field Turbidity**	0.07	NTU	0.19	0.27	0.33	0.37	0.21	0.26	0.38	0.21	0.24	0.30
Field Dissolved Oxygen** in %	1	%	94	93	95	94	91	93	92	96	97	96
Total Aluminium	1.0	µg/L								24	21	19
Total Iron	5	µg/L								<5.0	<5.0	<5.0
Total Manganese	0.5	µg/L								3.0	9.6	3.9
Total Copper	0.5	µg/L								7.9	6.3	78
Total Lead	0.5	µg/L								<0.50	<0.50	<0.50
Total Zinc	1	µg/L								3.2	1.5	9.9
Ammonium Nitrogen	0.02	mg/L								<0.02	<0.02	<0.02
Nitrite Nitrogen	0.01	mg/L								0.014	0.018	0.021
Nitrate Nitrogen	0.02	mg/L								0.12	0.11	0.11
True Colour	1	CU								<1.0	<1.0	<1.0

LABORATORY NOTES

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

- 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