

REPORT NO: WN232431

## Water Analysis Report


**REPORT NO:** WN232431 **ISSUE DATE:** 24/11/23

**DATE SAMPLES RECEIVED:** 14/11/23 **PURCHASE ORDER:**  
**SAMPLES RECEIVED:** 9 **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

### 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 6626 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
Test Description	LOR	UNITS	Woodburn Riverside Park	Rileys Hill Community Centre	Broadwater Community Centre	Evans Head School	Evans High Zone	Coraki Memorial Park	Casino 15-17 Sheppard St	Casino Bruton St	Casino Walker St
Date Sampled		Date	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023
Sampled By			MW	MW	MW	MW	MW	MW	MW	MW	MW
Time Sampled		Time	8:20 AM	8:35 AM	8:45 AM	9:00 AM	9:15 AM	11:15 AM	12:00 PM	11:50 AM	11:40 AM
Field Total Chlorine**	0.05	mg/L	0.92	0.82	0.71	0.94	0.43	0.67	1.2	1.1	1.2
Field Free Chlorine**	0.05	mg/L	0.59	0.63	0.48	0.64	0.18	0.61	1.0	0.74	0.95
Field pH**	1	pH units	7.5	7.6	7.7	7.7	7.8	8.2	8.0	8.1	8.1
Field Temperature**	1	°C	22.5	23.2	23.2	23.3	22.7	25.5	24.8	24.6	25.5
Field Turbidity**	0.07	NTU	0.35	0.35	0.20	0.23	0.24	0.25	0.29	0.29	0.25
Field Dissolved Oxygen** in %	1	%	103	103	103	104	101	102	98	98	96
Total Iron	0.005	mg/L							<0.0050	0.0076	<0.0050
Total Manganese	0.0005	mg/L							0.0058	0.0062	0.0062

## LABORATORY NOTES

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

- Analysis is conducted within the date received and the date the report is finalised.
- 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 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