

REPORT NO: WN240033

Water Analysis Report


REPORT NO: WN240033 **ISSUE DATE:** 19/01/24

DATE SAMPLES RECEIVED: 9/01/24 **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	Casino 15-17 Sheppard St	Casino North Reservoir	Casino Walker Street	Evans H Reflections
Date Sampled		Date	09/01/24	09/01/24	09/01/24	09/01/24	09/01/24	09/01/24	09/01/24	09/01/24	09/01/24	09/01/24
Sampled By			MW	MW	MW	MW	MW	MW	MW	MW	MW	MW
Time Sampled		Time	7:30 AM	7:45 AM	7:55 AM	8:15 AM	8:45 AM	10:20 AM	11:20 AM	11:25 AM	10:50 AM	8:25 AM
Field Total Chlorine**	0.05	mg/L	0.78	0.82	0.89	0.85	0.38	0.80	1.0	1.3	1.2	0.73
Field Free Chlorine**	0.05	mg/L	0.75	0.68	0.69	0.65	0.24	0.63	0.74	0.98	0.91	0.61
Field pH**	1	pH units	7.0	6.9	7.0	7.1	7.2	7.1	7.3	7.3	7.2	7.1
Field Temperature**	1	°C	23.6	25.9	24.1	24.9	24.5	27.6	27.7	27.2	26.9	25.2
Field Turbidity**	0.07	NTU	0.34	0.30	0.30	0.24	0.36	0.23	0.31	0.41	0.40	0.23
Field Dissolved Oxygen** in %	1	%	101	104	103	101	98	100	100	99	100	101
Total Aluminium	0.001	mg/L							0.023	0.024	0.016	
Total Iron	0.005	mg/L							<0.0050	<0.0050	<0.0050	
Total Manganese	0.0005	mg/L							0.0099	0.045	0.016	
Total Copper	0.0005	mg/L							0.017	0.0076	0.34	
Total Lead	0.0005	mg/L							<0.00050	0.00058	0.0010	
Total Zinc	0.001	mg/L							0.0038	0.0040	0.014	
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							0.27	0.26	0.26	
True Colour	1	CU							<1.0	<1.0	1.4	

LABORATORY NOTES

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

As requested, testing for THM will be performed by Envirolab. Results will be forwarded when received by AgEnviro Laboratory.

- 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.

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- This report should not be reproduced except in full.
- Samples will be retained for 10 working days 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