

REPORT NO: WN241076

Water Analysis Report


REPORT NO: WN241076 **ISSUE DATE:** 26/06/24

DATE SAMPLES RECEIVED: 4/06/24 **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	Box Ridge	Casino 15-17 Sheppard St	Casino North Reservoir	Casino Walker Street
Date Sampled		Date	04/06/24	04/06/24	04/06/24	04/06/24	04/06/24	04/06/24	04/06/24	04/06/24	04/06/24	04/06/24
Sampled By			MW	MW	MW	MW	MW	MW	MW	MW	MW	MW
Time Sampled		Time	7:30:00 AM	7:45 AM	8:00:00 AM	8:40 AM	8:55 AM	10:20 AM	10:30 AM	11:20 AM	11:30 AM	11:10 AM
Field Total Chlorine**	0.05	mg/L	0.91	0.90	0.97	0.70	0.60	0.92	0.80	1.2	1.4	1.3
Field Free Chlorine**	0.05	mg/L	0.72	0.66	0.76	0.48	0.43	0.67	0.58	0.99	1.2	1.1
Field pH**	1	pH units	7.9	7.9	8.0	8.1	8.2	7.9	8.0	7.6	7.6	7.7
Field Temperature**	1	°C	16.0	17.3	15.7	18.0	16.5	19.3	17.7	19.2	17.8	18.2
Field Turbidity**	0.07	NTU	0.24	0.20	0.27	0.30	0.20	0.24	0.19	0.21	0.30	0.28
Field Dissolved Oxygen** in %	1	%	97	99	101	101	101	102	101	103	100	102
Total Aluminium	0.001	mg/L								0.023	0.027	0.022
Total Iron	0.005	mg/L								<0.0050	<0.0050	<0.0050
Total Manganese	0.0005	mg/L								0.0017	0.0040	0.0017
Total Copper	0.0005	mg/L								0.0046	0.0070	0.049
Total Lead	0.0005	mg/L								<0.00050	<0.00050	<0.00050
Total Zinc	0.001	mg/L								0.0024	0.0026	0.0069
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								0.12	0.12	0.11
True Colour	1	CU								1.2	1.0	1.0

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