

RESULTS OF WATER ANALYSIS

3 samples supplied by Richmond Valley Council on 10/09/2024. Lab Job No. R8708.

Samples submitted by Water Results. Your Job: RVC Casino Consumer Weekly - 10/09/2024

Parameter	Methods reference	Sample 1	Sample 2	Sample 3
		Walker St - 10/09/24	Council Depot - 10/09/2024	Bruton St - 10/09/2024
	Job No.	R8708/1	R8708/2	R8708/3
pH	** onsite	7.18	7.11	7.10
Turbidity (NTU)	** onsite	0.260	0.200	0.260
Chlorine (Total) (mg/L)	** onsite	1.20	0.940	1.14
Chlorine (Free) (mg/L)	** onsite	0.800	0.730	0.900
Chlorine (Residual) (mg/L)	** Calculation	0.400	0.210	0.240
Temperature (°C)	** onsite	22	23	23
Total Coliforms (cfu/100 ml)	Subcontracted NSW Health Pathology report 477244662	<1	<1	<1
E.Coli (cfu/100 ml)	Subcontracted NSW Health Pathology report 477244662	<1	<1	<1
Total Plate Count (cfu/1 ml)	Subcontracted NSW Health Pathology report 477244662	1	5	3
Iron (mg/L)	Total Available - APHA 3125 ICPMS ^{note 1&2}	<0.005	<0.005	<0.005
Manganese (mg/L)	Total Available - APHA 3125 ICPMS ^{note 1&2}	<0.001	<0.001	0.248

Notes:

- Total metals - samples digested with nitric acid; Total available (acid soluble/ extractable) metals - samples acidified with nitric acid to pH <2;
Dissolved metals - samples filtered through 0.45µm cellulose acetate and then acidified with nitric acid prior to analysis
- Metals and salts analysed by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS).
- 1 mg/L (milligram per litre) = 1 ppm (part per million) = 1000 µg/L (micrograms per litre) = 1000 ppb (part per billion).
- Analysis performed according to APHA (2017) 'Standard Methods for the Examination of Water & Wastewater', 23rd Edition, except where stated otherwise.
- Analysis conducted between sample arrival date and reporting date.
- ** NATA accreditation does not cover the performance of this service.
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- Results relate only to the samples tested.
- This report was issued on 24/09/2024.

