

RESULTS OF WATER ANALYSIS

3 samples supplied by Richmond Valley Council on 15/10/2024. Lab Job No. S0046.

Samples submitted by Water Results. Your Job: RVC Casino Consumer Weekly - 15/10/24

Locked Bag 10 CASINO NSW 2470

Parameter	Methods reference	Sample 1	Sample 2	Sample 3
		Walker St 15/10/24	Sheppard St 15/10/24	North Reservoir 15/10/24
	Job No.	S0046/1	S0046/2	S0046/3
pH	** onsite	7.17	7.24	7.29
Turbidity (NTU)	** onsite	<1	<1	<1
Chlorine (Total) (mg/L)	** onsite	0.870	1.11	1.40
Chlorine (Free) (mg/L)	** onsite	0.640	0.730	1.14
Chlorine (Residual) (mg/L)	** Calculation	0.230	0.380	0.260
Temperature (°C)	** onsite	22.5	23.3	24.3
Total Coliforms (cfu/100 ml)	Subcontracted NSW Health Pathology report 442118868	<1	<1	<1
E.Coli (cfu/100 ml)	Subcontracted NSW Health Pathology report 442118868	<1	<1	<1
Total Plate Count (cfu/1 ml)	Subcontracted NSW Health Pathology report 442118868	2	<1	2
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}	0.008	0.008	0.013

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 23/10/2024.

