

## RESULTS OF WATER ANALYSIS

3 samples supplied by Richmond Valley Council on 27/08/2024. Lab Job No. R8142.  
Samples submitted by Water Results. Your Job: RVC Casino Consumer Weekly

Parameter	Methods reference	Sample 1 Walker St	Sample 2 Sheppard St	Sample 3 South Reservoir
	Job No.	R8142/1	R8142/2	R8142/3
pH	** Onsite Testing	7.22	7.31	7.17
Turbidity (NTU)	** Onsite Testing	0.210	0.220	0.210
Chlorine (Total) (mg/L)	** Onsite Testing	1.32	1.27	1.04
Chlorine (Free) (mg/L)	** Onsite Testing	0.990	1.00	0.780
Chlorine (Residual) (mg/L)	** Onsite Testing	0.330	0.270	0.260
Temperature (°C)	data supplied by client	22	22	21
Total Coliforms (cfu/100 ml)	**Subcontracted: NSW Health Pathology Report No:477243931	<1	<1	<1
E.Coli (cfu/100 ml)	**Subcontracted: NSW Health Pathology Report No:477243931	<1	<1	<1
Total Plate Count (cfu/1 ml)	**Subcontracted: NSW Health Pathology Report No:477243931	2	3	2
Iron (mg/L)	Total Available - APHA 3125 ICPMS <sup>*note 1&amp;2</sup>	0.100	0.081	0.056
Manganese (mg/L)	Total Available - APHA 3125 ICPMS <sup>*note 1&amp;2</sup>	0.002	0.001	0.003
Chloride (mg/L)	APHA 3125 ICPMS <sup>*note 1&amp;2</sup>	27.4	27.4	21.9

### 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.
- .. Denotes not requested.
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- Results relate only to the samples tested.
- This report was issued on 10/09/2024.

