

RESULTS OF WATER ANALYSIS

3 samples supplied by Richmond Valley Council on 8/10/2024. Lab Job No. R9800.

Samples submitted by Water Results. Your Job: RVC Casino Consumer Weekly

Locked Bag 10 CASINO NSW 2470

Parameter	Methods reference	Sample 1 Walker St 08/10/24	Sample 2 Council Depot 08/10/24	Sample 3 Bruton St. 08/10/24
	<i>Job No.</i>	<i>R9800/1</i>	<i>R9800/2</i>	<i>R9800/3</i>
pH	** onsite	7.39	7.27	7.36
Turbidity (NTU)	** onsite	<1	<1	<1
Chlorine (Total) (mg/L)	** onsite	1.31	0.850	1.23
Chlorine (Free) (mg/L)	** onsite	1.08	0.700	0.960
Chlorine (Residual) (mg/L)	** Calculation	0.230	0.150	0.270
Temperature (°C)	** onsite	23.9	23.7	22.6
Total Coliforms (cfu/100 ml)	Subcontracted NSW Health Pathology report 442118707	1	<1	<1
E.Coli (cfu/100 ml)	Subcontracted NSW Health Pathology report 442118707	<1	<1	<1
Total Plate Count (cfu/1 ml)	Subcontracted NSW Health Pathology report 442118707	<1	21	7
Iron (mg/L)	Total Available - APHA 3125 ICPMS ^{note 1&2}	0.012	0.010	0.004
Manganese (mg/L)	Total Available - APHA 3125 ICPMS ^{note 1&2}	0.006	<0.001	0.008

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.
- This report is not to be reproduced except in full.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
- Results relate only to the samples tested.
- This report was issued on 23/10/2024.

