

RESULTS OF WATER ANALYSIS

3 samples supplied by Richmond Valley Council on 24/09/2024. Lab Job No. R9281.

Samples submitted by Water Results. Your Job: RVC Casino Consumer Weekly - 24/09/2024

Parameter	Methods reference	Sample 1 Walker St	Sample 2 Showground	Sample 3 South Reservoir
	Job No.	R9281/1	R9281/2	R9281/3
pH	APHA 4500-H+-B	7.30	7.32	7.18
Turbidity (NTU)	APHA 2130	<1	<1	<1
Chlorine (Total) (mg/L)	** Inhouse	1.210	0.970	1.050
Chlorine (Free) (mg/L)	** Inhouse	0.950	0.710	0.750
Chlorine (Residual) (mg/L)	** Calculation	0.260	0.260	0.300
Temperature (°C)	data supplied by client	23.5	22.4	21.8
Dissolved Oxygen (mg/L O ₂)	** APHA 4500-O-G (Onsite method preferable)	9.21	9.03	9.21
Total Coliforms (cfu/100 ml)	** APHA 9222-B	<1	<1	<1
E.Coli (cfu/100 ml)	** ColiBlue Membrane Filtration	<1	<1	<1
Total Plate Count (cfu/1 ml)	** Inhouse	1	<1	3
Iron (mg/L)	Total Recoverable - APHA 3125 ICPMS ^{note 1&2}	0.115	0.109	0.074
Manganese (mg/L)	Total Recoverable - APHA 3125 ICPMS ^{note 1&2}	0.003	0.006	0.001

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 31/10/2024.

