

## RESULTS OF WATER ANALYSIS

3 samples supplied by Richmond Valley Council on 3/09/2024. Lab Job No. R8442.  
Samples submitted by Water Results. Your Job: RVC Casino Consumer Monthly

Parameter	Methods reference	Sample 1	Sample 2	Sample 3
		Walker Street, 03/09/24	Sheppard Street, 03/09/24	North Reservoir, 03/09/24
	Job No.	R8442/1	R8442/2	R8442/3
True Colour (Pt-Co)	** APHA 2120	4	3	2
Phosphate (mg/L P)	APHA 4500 P-G	0.005	<0.005	<0.005
Nitrate (mg/L N)	APHA 4500 NO <sub>3</sub> -F	0.109	0.106	0.106
Nitrite (mg/L N)	APHA 4500 NO <sub>2</sub> -I	<0.005	<0.005	<0.005
Ammonia (mg/L N)	APHA 4500 NH <sub>3</sub> -H	0.015	<0.005	<0.005
Silver (mg/L)	Total Available - APHA 3125 ICPMS <sup>note 1&amp;2</sup>	<0.001	<0.001	<0.001
Aluminium (mg/L)	Total Available - APHA 3125 ICPMS <sup>note 1&amp;2</sup>	0.025	0.029	0.029
Arsenic (mg/L)	Total Available - APHA 3125 ICPMS <sup>note 1&amp;2</sup>	<0.001	<0.001	<0.001
Cadmium (mg/L)	Total Available - APHA 3125 ICPMS <sup>note 1&amp;2</sup>	<0.001	<0.001	<0.001
Chromium (mg/L)	Total Available - APHA 3125 ICPMS <sup>note 1&amp;2</sup>	<0.001	<0.001	<0.001
Copper (mg/L)	Total Available - APHA 3125 ICPMS <sup>note 1&amp;2</sup>	0.047	0.006	0.009
Iron (mg/L)	Total Available - APHA 3125 ICPMS <sup>note 1&amp;2</sup>	<0.005	<0.005	<0.005
Manganese (mg/L)	Total Available - APHA 3125 ICPMS <sup>note 1&amp;2</sup>	0.001	0.001	0.002
Nickel (mg/L)	Total Available - APHA 3125 ICPMS <sup>note 1&amp;2</sup>	<0.001	<0.001	<0.001
Lead (mg/L)	Total Available - APHA 3125 ICPMS <sup>note 1&amp;2</sup>	<0.001	<0.001	<0.001
Selenium (mg/L)	Total Available - APHA 3125 ICPMS <sup>note 1&amp;2</sup>	<0.002	<0.002	<0.002
Zinc (mg/L)	Total Available - APHA 3125 ICPMS <sup>note 1&amp;2</sup>	0.007	0.004	0.004
Mercury (mg/L)	Total Available - APHA 3125 ICPMS <sup>note 1&amp;2</sup>	<0.0005	<0.0005	<0.0005
<b>TRIHALOMETHANES (THM)</b>				
Chloroform (THM) (µg/L)	Subcontracted: SGS report SE 270559	46	44	33
Bromodichloromethane (THM) (µg/L)	Subcontracted: SGS report SE 270559	22	25	18
Dibromochloromethane (THM) (µg/L)	Subcontracted: SGS report SE 270559	8	8	8
Bromoform (THM) (µg/L)	Subcontracted: SGS report SE 270559	<0.5	<0.5	<0.5
Total THM (µg/L)	Subcontracted: SGS report SE 270559	76	76	59

### 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 16/09/2024.

