



## Certificate Of Analysis

**Client:** Richmond Valley Council  
**Address:** Locked Bag 10  
Casino NSW 2470  
**Contact:** Sandeep Chugh  
**Sampled by:** Serena Tomkins  
**Subcontract Laboratory:** Envirolab (NATA2901)  
**Subcontract Reference:** 286666

Final report

**Report no:** 22/0054  
**Date received:** 12/01/2022  
**Testing commenced:** 12/01/2022  
**Date reported:** 24/01/2022  
**No. of samples:** 2  
**Revision no:** 00

*Analysis results apply to samples as received.*

Raw and Finished Weekly

Sample No.: Sample description:	Unit	LOR	22/0054-1 RVC Finished Water 12/01/2022 12:55	22/0054-2 RVC Raw Water 12/01/2022 09:00
Date sampled:				
Time sampled:				
Alkalinity (as CaCO <sub>3</sub> )	mg/L	20	75	61
Aluminium (Dissolved)	mg/L	0.005	0.016	0.016
Aluminium (Total)	mg/L	0.005	0.021	0.92
Calcium	mg/L	0.1	12.5	13.1
Colour (Apparent)	Pt-Co	2	<2	300
Colour (True)	Pt-Co	2	<2	46
<i>E. coli</i>	MPN/100mL	1	<1	167
Electrical Conductivity	µS/cm	1	335	173
Fluoride - ISE	mg/L	0.05	1.09	[NA]
Hardness as CaCO <sub>3</sub>	mg/L	1	60	64
Heterotrophic Plate Count	MPN/mL	2	<2	3,110
Iron (Dissolved)	mg/L	0.005	<0.005	0.12
Iron (Total)	mg/L	0.005	<0.005	1.4



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Sample No.: Sample description:	Unit	LOR	22/0054-1 RVC Finished Water 12/01/2022 12:55	22/0054-2 RVC Raw Water 12/01/2022 09:00
Magnesium	mg/L	0.1	7.1	7.6
Manganese (Dissolved)	mg/L	0.005	<0.005	0.005
Manganese (Total)	mg/L	0.005	<0.005	0.062
pH	pH		7.17	7.54
Suspended Solids	mg/L	1	1	46
Total Coliforms	MPN/100mL	1	<1	24,196
Total Dissolved Solids by calc	mg/L	2	214	111
Total Organic Carbon*	mg/L	1	2	4
Turbidity	NTU	0.1	0.15	35

**End of results**

**General comments:** This report must not be reproduced except in full. This report relates to items tested as specified herein.  
 Samples tested between date received and date reported. Accredited for compliance with ISO/IEC 17025 - Testing  
 # NATA accreditation does not cover the performance of this service. Tests marked with \* are subcontracted.  
 LOR denotes 'Limit of Reporting' < denotes less than; > denotes greater than; ND denotes 'not detected'  
 The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards

**Specific comments:**

V. Barnett  
Laboratory Analyst  
Approved Authoriser