

## Certificate Of Analysis

**Client:** Richmond Valley Council  
**Address:** Locked Bag 10  
Casino NSW 2470

Final report

**Report no:** 22/0307  
**Date received:** 23/02/2022  
**Testing commenced:** 23/02/2022  
2/20  
22

**Contact:** Sandeep Chugh  
**Sampled by:** Serena Tomkins  
**Subcontract Laboratory:** Envirolab (NATA 2901) / DPI (NATA 14173)  
**Subcontract Reference:** 289793 /  
*Analysis results apply to samples as received.*

Raw and Finished Weekly

**Date reported:** 20/05/2022  
**No. of samples:** 2  
**Revision no:** 01

Sample No.: Sample description:	Unit	LOR	22/0307-1 RVC Finished Water 23/02/2022 11:00	22/0307-2 RVC Raw Water 23/02/2022 10:00
Alkalinity (as CaCO <sub>3</sub> )	mg/L	20	90	100
Aluminium (Dissolved)	mg/L	0.005	0.024	0.006
Aluminium (Total)	mg/L	0.005	0.037	0.62
Calcium	mg/L	0.1	17.4	17.6
Colour (Apparent)	Pt-Co	2	<2	120
Colour (True)	Pt-Co	2	<2	35
<i>E.coli</i>	MPN/100mL	1	<1	345
Electrical Conductivity	µS/cm	1	296	233
Hardness as CaCO <sub>3</sub>	mg/L	1	85	87
Heterotrophic Plate Count	MPN/mL	2	<2	>7,380
Iron (Dissolved)	mg/L	0.005	<0.005	0.10

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Iron (Total)	mg/L	0.005	<0.005	1.2
Magnesium	mg/L	0.1	10.1	10.5
Manganese (Dissolved)	mg/L	0.005	<0.005	0.011
Manganese (Total)	mg/L	0.005	<0.005	0.043
pH	pH		7.48	7.75
Suspended Solids	mg/L	1	1	21
Total Coliforms	MPN/100mL	1	<1	17,329
TDS Calculation	mg/L	1	189	149
Total Organic Carbon*	mg/L	1	2	4
Turbidity	NTU	0.1	<0.10	15

**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:** This is the final report that supersedes the preliminary report issued on the 29.3.22  
 Fluoride samples lost during flood.

  
 M Window  
 Laboratory Analyst  
 Approved Authoriser