



## Certificate Of Analysis

**Client:** Richmond Valley Council  
**Address:** Locked Bag 10  
Casino NSW 2470  
**Contact:** Sandeep Chugh  
**Sampled by:** Michael MacRae  
**Subcontract Laboratory:** Envirolab (NATA2901)  
**Subcontract Reference:** 274658

Final report

**Report no:** 21/1011  
**Date received:** 21/07/2021  
**Testing commenced:** 21/07/2021  
**Date reported:** 30/07/2021  
**No. of samples:** 2  
**Revision no:** 01

*Analysis results apply to samples as received.*

Raw and Finished Weekly

Sample No.: Sample description:	Unit	LOR	21/1011-1 RVC Finished Water 21/07/2021 12:10	21/1011-2 RVC Raw Water 21/07/2021 09:30
Alkalinity (as CaCO <sub>3</sub> )	mg/L	20	101	122
Aluminium (Dissolved)	mg/L	0.005	0.10	0.053
Aluminium (Total)	mg/L	0.005	0.11	0.45
Calcium	mg/L	0.1	23.4	24.0
Colour (Apparent)	Pt-Co	2	5	90
Colour (True)	Pt-Co	2	<2	23
<i>E.coli</i>	MPN/100mL	1	<1	33
Electrical Conductivity	µS/cm	1	382	339
Fluoride - ISE	mg/L	0.05	1.02	[NA]
Hardness as CaCO <sub>3</sub>	mg/L	1	118	120
Heterotrophic Plate Count	MPN/mL	2	<2	380
Iron (Dissolved)	mg/L	0.005	0.006	0.31
Iron (Total)	mg/L	0.005	0.01	0.80



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Sample No.: Sample description:	Unit	LOR	21/1011-1 RVC Finished Water 21/07/2021 12:10	21/1011-2 RVC Raw Water 21/07/2021 09:30
Magnesium	mg/L	0.1	14.4	14.6
Manganese (Dissolved)	mg/L	0.005	<0.005	0.036
Manganese (Total)	mg/L	0.005	<0.005	0.038
pH	pH		7.4	7.9
Suspended Solids	mg/L	1	1	8
Total Coliforms	MPN/100mL	1	<1	828
Total Dissolved Solids by calc	mg/L	2	244	217
Total Organic Carbon*	mg/L	1	2	4
Turbidity	NTU	0.1	0.29	9.2

**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