



## Certificate Of Analysis

**Client:** Richmond Valley Council  
**Address:** Locked Bag 10  
Casino NSW 2470  
**Contact:** Sandeep Chugh  
**Sampled by:** Adrian Leader  
**Subcontract Laboratory:** Envirolab (NATA2901)  
**Subcontract Reference:** 260304

Final report

**Report no:** 21/0051  
**Date received:** 13/01/2021  
**Testing commenced:** 13/01/2021  
**Date reported:** 4/02/2021  
**No. of samples:** 2  
**Revision no:** 01

*Analysis results apply to samples as received.*

Raw and Finished Weekly

Sample No.: Sample description:	Unit	LOR	21/0051-1 RVC Finished Water 13/01/2021 13:20	21/0051-2 RVC Raw Water 13/01/2021 09:30
Date sampled:				
Time sampled:				
pH	pH		7.5	7.6
Electrical Conductivity	µS/cm	1	404	208
Total Dissolved Solids by calc	mg/L	2	259	133
Fluoride - ISE	mg/L	0.05	1.13	[NA]
Colour (Apparent)	Pt-Co	2	<2	250
Colour (True)	Pt-Co	2	<2	49
Turbidity	NTU	0.1	<0.10	33
Aluminium (Total)	mg/L	0.005	0.039	2.03
Aluminium (Dissolved)	mg/L	0.005	0.032	0.008
Iron (Total)	mg/L	0.005	<0.005	3.8
Iron (Dissolved)	mg/L	0.005	<0.005	0.072
Manganese (Total)	mg/L	0.005	<0.005	0.10
Manganese (Dissolved)	mg/L	0.005	<0.005	0.014



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Sample No.: Sample description:	Unit	LOR	21/0051-1 RVC Finished Water 13/01/2021 13:20	21/0051-2 RVC Raw Water 13/01/2021 09:30
Alkalinity (as CaCO <sub>3</sub> )	mg/L	20	88	61
Total Organic Carbon*	mg/L	1	3	6
Calcium	mg/L	0.1	12.8	13.2
Magnesium	mg/L	0.1	7.3	7.8
Hardness as CaCO <sub>3</sub>	mg/L	1	62	65
Suspended Solids	mg/L	1	<1	61
Total Coliforms	MPN/100mL	1	<1	9,590
<i>E.coli</i>	MPN/100mL	1	<1	88
Heterotrophic Plate Count	MPN/mL	2	<2	4,300

### 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 27.1.21

M Window  
Laboratory Analyst  
Approved Authoriser