



## Certificate Of Analysis

**Client:** Richmond Valley Council  
**Address:** Locked Bag 10  
 Casino NSW 2470  
**Contact:** Sandeep Chugh  
**Sampled by:** Client  
**Subcontract Laboratory:** Envirolab (NATA2901)  
**Subcontract Reference:** 260478

Final report

**Report no:** 21/0125  
**Date received:** 27/01/2021  
**Testing commenced:** 27/01/2021  
**Date reported:** 8/02/2021  
**No. of samples:** 2  
**Revision no:** 00

*Analysis results apply to samples as received.*

Raw and Finished Weekly

Sample No.: Sample description:	Unit	LOR	21/0125-1 RVC Finished Water 27/01/2021 13:00	21/0125-2 RVC Raw Water 27/01/2021 09:21
pH	pH		7.6	8.9
Electrical Conductivity	µS/cm	1	468	277
Total Dissolved Solids by calc	mg/L	2	300	177
Fluoride - ISE	mg/L	0.05	<b>0.88</b>	0.076
Colour (Apparent)	Pt-Co	2	3	160
Colour (True)	Pt-Co	2	3	43
Turbidity	NTU	0.1	<0.10	19
Aluminium (Total)	mg/L	0.005	0.022	0.60
Aluminium (Dissolved)	mg/L	0.005	0.021	0.022
Iron (Total)	mg/L	0.005	<0.005	1.2
Iron (Dissolved)	mg/L	0.005	<0.005	0.058
Manganese (Total)	mg/L	0.005	<0.005	0.068
Manganese (Dissolved)	mg/L	0.005	<0.005	<0.005



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Sample No.: Sample description:	Unit	LOR	21/0125-1 RVC Finished Water 27/01/2021 13:00	21/0125-2 RVC Raw Water 27/01/2021 09:21
Alkalinity (as CaCO <sub>3</sub> )	mg/L	20	103	105
Total Organic Carbon*	mg/L	1	2	5
Calcium	mg/L	0.1	16.3	15.9
Magnesium	mg/L	0.1	9.4	9.0
Hardness as CaCO <sub>3</sub>	mg/L	1	79	77
Suspended Solids	mg/L	1	<1	23
Total Coliforms	MPN/100mL	1	<1	6,131
<i>E.coli</i>	MPN/100mL	1	<1	55
Heterotrophic Plate Count	MPN/mL	2	<2	1,160

**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