



## Certificate Of Analysis

**Client:** Richmond Valley Council  
**Address:** Locked Bag 10  
 Casino NSW 2470  
**Contact:** Sandeep Chugh  
**Sampled by:** M.MacRae  
**Subcontract Laboratory:** Envirolab (NATA 2901) / UUQ (11085)  
**Subcontract Reference:** 263518 / 21-01995  
*Analysis results apply to samples as received.*

Final report

**Report no:** 21/0325  
**Date received:** 3/03/2021  
**Testing commenced:** 3/03/2021  
**Date reported:** 15/03/2021  
**No. of samples:** 2  
**Revision no:** 00

Raw and Finished Mthly

Sample No.: Sample description:	Unit	LOR	21/0325-1 RVC Finished Water 3/03/2021	21/0325-2 RVC Raw Water 3/03/2021 09:40
Date sampled: Time sampled:				
pH	pH		7.4	7.4
Electrical Conductivity	µS/cm	1	401	199
Total Dissolved Solids by calc	mg/L	2	257	127
Fluoride - ISE	mg/L	0.05	1.07	[NA]
Colour (Apparent)	Pt-Co	2	3	340
Colour (True)	Pt-Co	2	<2	76
Turbidity	NTU	0.1	<0.10	45
Aluminium (Total)	mg/L	0.005	0.030	1.39
Aluminium (Dissolved)	mg/L	0.005	0.030	0.017
Iron (Total)	mg/L	0.005	<0.005	2.6
Iron (Dissolved)	mg/L	0.005	<0.005	0.098
Manganese (Total)	mg/L	0.005	<0.005	0.064
Manganese (Dissolved)	mg/L	0.005	<0.005	<0.005



## Certificate Of Analysis

**Client:** Richmond Valley Council

**Report no:** 21/0325

<b>Sample No.:</b> <b>Sample description:</b>	<b>Unit</b>	<b>LOR</b>	<b>21/0325-1</b> <b>RVC</b> <b>Finished</b> <b>Water</b> <b>3/03/2021</b>	<b>21/0325-2</b> <b>RVC Raw</b> <b>Water</b> <b>3/03/2021</b> <b>09:40</b>
<b>Date sampled:</b>				
<b>Time sampled:</b>				
Alkalinity (as CaCO <sub>3</sub> )	mg/L	20	105	66
Suspended Solids	mg/L	1	1	43
Total Organic Carbon*	mg/L	1	3	7
Phosphorus - Total	mg/L	0.05	<0.05	0.21
Nitrogen - Nitrite-N	mg/L	0.01	<0.01	<0.01
Nitrogen - Nitrate-N	mg/L	0.05	0.24	0.19
Dissolved Organic Carbon*	mg/L	1	3	6
Total Trihalomethanes*	µg/L	1	79	[NA]
2-methylisoborneol*	ng/L	2	[NA]	<2.0
Geosmin*	ng/L	2	[NA]	<2.0
Calcium	mg/L	0.1	12.4	14.0
Magnesium	mg/L	0.1	7.2	8.3
Hardness as CaCO <sub>3</sub>	mg/L	1	61	69
Total Coliforms	MPN/100mL	1	<1	20,980
<i>E. coli</i>	MPN/100mL	1	<1	866
Heterotrophic Plate Count	MPN/mL	2	2	11,600



## Certificate Of Analysis

**Client:** Richmond Valley Council

**Report no:** 21/0325

**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:**

A. Hawthorne  
Laboratory Manager  
Approved Authoriser