



## Certificate Of Analysis

**Client:** Richmond Valley Council

**Address:** Locked Bag 10  
Casino NSW 2470

**Contact:** Sandeep Chugh

**Sampled by:** Serena Tomkins

**Subcontract Laboratory:** Envirolab (NATA 2901); UUQ (11085)

**Subcontract Reference:** 282116 ; 21/09394

*Analysis results apply to samples as received.*

Final report

Raw and Finished Mthly

**Report no:** 21/1593

**Date received:** 3/11/2021

**Testing commenced:** 3/11/2021

**Date reported:** 17/11/2021

**No. of samples:** 2

**Revision no:** 03

Sample No.: Sample description:	Unit	LOR	21/1593-1 RVC Finished Water 3/11/2021 13:20	21/1593-2 RVC Raw Water 3/11/2021 09:30
2-methylisoborneol*	ng/L	2	[NA]	<2.0
Alkalinity (as CaCO <sub>3</sub> )	mg/L	20	118	108
Aluminium (Dissolved)	mg/L	0.005	0.023	<0.005
Aluminium (Total)	mg/L	0.005	0.028	0.37
Calcium	mg/L	0.1	20.6	20.8
Colour (Apparent)	Pt-Co	2	<2	530
Colour (True)	Pt-Co	2	<2	36
Dissolved Organic Carbon*	mg/L	1	2	4
<i>E. coli</i>	MPN/100mL	1	<1	11
Electrical Conductivity	µS/cm	1	381	284
Fluoride - ISE	mg/L	0.05	1.11	[NA]
Geosmin*	ng/L	2	[NA]	3.0
Hardness as CaCO <sub>3</sub>	mg/L	1	102	103



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<b>Sample No.:</b> <b>Sample description:</b>	<b>Unit</b>	<b>LOR</b>	<b>21/1593-1</b> <b>RVC</b> <b>Finished</b> <b>Water</b>	<b>21/1593-2</b> <b>RVC Raw</b> <b>Water</b>
<b>Date sampled:</b> <b>Time sampled:</b>			<b>3/11/2021</b> <b>13:20</b>	<b>3/11/2021</b> <b>09:30</b>
Heterotrophic Plate Count	MPN/mL	2	<2	555
Iron (Dissolved)	mg/L	0.005	<0.005	0.017
Iron (Total)	mg/L	0.005	<0.005	0.65
Magnesium	mg/L	0.1	12.3	12.3
Manganese (Dissolved)	mg/L	0.005	<0.005	<0.005
Manganese (Total)	mg/L	0.005	<0.005	0.069
Nitrogen - Nitrate-N	mg/L	0.05	<0.05	<0.05
Nitrogen - Nitrite-N	mg/L	0.01	<0.01	<0.01
pH	pH		7.7	7.9
Phosphorus - Total	mg/L	0.05	<0.05	0.08
Suspended Solids	mg/L	1	1	19
Total Coliforms	MPN/100mL	1	<1	1,300
Total Dissolved Solids by calc	mg/L	2	244	182
Total Organic Carbon*	mg/L	1	2	4
Total Trihalomethanes*	µg/L	1	30	[NA]
Turbidity	NTU	0.1	0.12	11



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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:

M Window  
Laboratory Analyst  
Approved Authoriser