



## 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); SAS (NATA 11085)  
**Subcontract Reference:** 268686; 21/04005-B  
*Analysis results apply to samples as received.*

Final report

**Report no:** 21/0629  
**Date received:** 5/05/2021  
**Testing commenced:** 5/05/2021  
**Date reported:** 26/05/2021  
**No. of samples:** 2  
**Revision no:** 00

Raw and Finished Mthly

Sample No.: Sample description:  Date sampled: Time sampled:	Unit	LOR	21/0629-1 RVC Finished Water 5/05/2021	21/0629-2 RVC Raw Water 5/05/2021
2-methylisoborneol*	ng/L	2	[NA]	<2.0
Alkalinity (as CaCO <sub>3</sub> )	mg/L	20	97	94
Aluminium (Dissolved)	mg/L	0.005	0.036	<0.005
Aluminium (Total)	mg/L	0.005	0.041	0.64
Calcium	mg/L	0.1	19.1	18.8
Colour (Apparent)	Pt-Co	2	<2	130
Colour (True)	Pt-Co	2	<2	30
Dissolved Organic Carbon*	mg/L	1	2	4
<i>E. coli</i>	MPN/100mL	1	<1	154
Electrical Conductivity	µS/cm	1	342	264
Fluoride - ISE	mg/L	0.05	1.19	[NA]
Geosmin*	ng/L	2	[NA]	<2.0
Hardness as CaCO <sub>3</sub>	mg/L	1	96	96



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<b>Sample No.:</b> <b>Sample description:</b>  <b>Date sampled:</b> <b>Time sampled:</b>	<b>Unit</b>	<b>LOR</b>	<b>21/0629-1</b> <b>RVC</b> <b>Finished</b> <b>Water</b> <b>5/05/2021</b>	<b>21/0629-2</b> <b>RVC Raw</b> <b>Water</b> <b>5/05/2021</b>
Heterotrophic Plate Count	MPN/mL	2	<2	3,100
Iron (Dissolved)	mg/L	0.005	<0.005	0.054
Iron (Total)	mg/L	0.005	<0.005	1.4
Magnesium	mg/L	0.1	11.8	11.8
Manganese (Dissolved)	mg/L	0.005	<0.005	0.014
Manganese (Total)	mg/L	0.005	<0.005	0.041
Nitrogen - Nitrate-N	mg/L	0.05	0.15	0.13
Nitrogen - Nitrite-N	mg/L	0.01	<0.01	<0.01
pH	pH		7.6	7.8
Phosphorus - Total	mg/L	0.05	<0.05	0.13
Suspended Solids	mg/L	1	<1	23
Total Coliforms	MPN/100mL	1	<1	6,870
Total Dissolved Solids by calc	mg/L	2	219	169
Total Organic Carbon*	mg/L	1	2	4
Total Trihalomethanes*	µg/L	1	29	[NA]
Turbidity	NTU	0.1	<0.10	17



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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