



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: 262899

Final report

Report no: 21/0234
Date received: 17/02/2021
Testing commenced: 17/02/2021
Date reported: 5/03/2021
No. of samples: 2
Revision no: 01

Analysis results apply to samples as received.

Raw and Finished Weekly

Sample No.: Sample description: Date sampled: Time sampled:	Unit	LOR	21/0234-1 RVC Finished Water 17/02/2021	21/0234-2 RVC Raw Water 17/02/2021
pH	pH		7.6	7.7
Electrical Conductivity	µS/cm	1	415	271
Total Dissolved Solids by calc	mg/L	2	266	173
Fluoride - ISE	mg/L	0.05	1.03	0.11
Colour (Apparent)	Pt-Co	2	<2	180
Colour (True)	Pt-Co	2	<2	33
Turbidity	NTU	0.1	<0.10	15
Aluminium (Total)	mg/L	0.005	0.041	0.61
Aluminium (Dissolved)	mg/L	0.005	0.038	<0.005
Iron (Total)	mg/L	0.005	<0.005	1.1
Iron (Dissolved)	mg/L	0.005	<0.005	0.059
Manganese (Total)	mg/L	0.005	<0.005	0.055
Manganese (Dissolved)	mg/L	0.005	<0.005	<0.005



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Sample No.: Sample description:	Unit	LOR	21/0234-1 RVC Finished Water 17/02/2021	21/0234-2 RVC Raw Water 17/02/2021
Date sampled:				
Time sampled:				
Alkalinity (as CaCO ₃)	mg/L	20	116	95
Total Organic Carbon*	mg/L	1	12	6
Calcium	mg/L	0.1	18.1	18.2
Magnesium	mg/L	0.1	10.3	10.6
Hardness as CaCO ₃	mg/L	1	88	89
Suspended Solids	mg/L	1	<1	20
Total Coliforms	MPN/100mL	1	<1	5,794
<i>E.coli</i>	MPN/100mL	1	<1	387
Heterotrophic Plate Count	MPN/mL	2	<2	1,370

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 25/02/21.

V. Barnett
Laboratory Analyst
Approved Authoriser