



Certificate Of Analysis

Client: Richmond Valley Council
Address: Locked Bag 10
 Casino NSW 2470
Contact: Sandeep Chugh
Sampled by: Michael MacRae
Subcontract Laboratory: Envirolab (NATA 2901) / UUQ (NATA 11085)
Subcontract Reference: 277846/21/07320

Final report

Report no: 21/1223
Date received: 1/09/2021
Testing commenced: 1/09/2021
Date reported: 20/09/2021
No. of samples: 2
Revision no: 00

Analysis results apply to samples as received.

Raw and Finished Mthly

Sample No.: Sample description: Date sampled: Time sampled:	Unit	LOR	21/1223-1 RVC Finished Water 1/09/2021	21/1223-2 RVC Raw Water 1/09/2021
2-methylisoborneol*	ng/L	2	[NA]	<2.0
Alkalinity (as CaCO ₃)	mg/L	20	133	145
Aluminium (Dissolved)	mg/L	0.005	0.038	<0.005
Aluminium (Total)	mg/L	0.005	0.055	0.15
Calcium	mg/L	0.1	29.8	29.9
Colour (Apparent)	Pt-Co	2	<2	54
Colour (True)	Pt-Co	2	<2	12
Dissolved Organic Carbon*	mg/L	1	<1	1
<i>E. coli</i>	MPN/100mL	1	<1	5
Electrical Conductivity	µS/cm	1	438	389
Fluoride - ISE	mg/L	0.05	1.10	[NA]
Geosmin*	ng/L	2	[NA]	2.5
Hardness as CaCO ₃	mg/L	1	149	150



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Sample No.: Sample description: Date sampled: Time sampled:	Unit	LOR	21/1223-1 RVC Finished Water 1/09/2021	21/1223-2 RVC Raw Water 1/09/2021
Heterotrophic Plate Count	MPN/mL	2	<2	150
Iron (Dissolved)	mg/L	0.005	<0.005	<0.005
Iron (Total)	mg/L	0.005	<0.005	0.27
Magnesium	mg/L	0.1	18.1	18.4
Manganese (Dissolved)	mg/L	0.005	<0.005	<0.005
Manganese (Total)	mg/L	0.005	<0.005	0.045
Nitrogen - Nitrate-N	mg/L	0.05	<0.05	<0.05
Nitrogen - Nitrite-N	mg/L	0.01	<0.01	<0.01
pH	pH		7.3	8.0
Phosphorus - Total	mg/L	0.05	<0.05	0.06
Suspended Solids	mg/L	1	<1	7
Total Coliforms	MPN/100mL	1	<1	921
Total Dissolved Solids by calc	mg/L	2	280	249
Total Organic Carbon*	mg/L	1	<1	2
Total Trihalomethanes*	µg/L	1	21	[NA]
Turbidity	NTU	0.1	0.13	5.1



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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