



Certificate Of Analysis

Client: Richmond Valley Council
Address: Locked Bag 10
 Casino NSW 2470
Contact: Sandeep Chugh
Sampled by: M.Hodges
Subcontract Laboratory: Envirolab (NATA 2901) / UUQ (11085)
Subcontract Reference: 259136; 21/00340

Final report

Report no: 21/0028
Date received: 6/01/2021
Testing commenced: 6/01/2021
Date reported: 20/01/2021
No. of samples: 2
Revision no: 00

Analysis results apply to samples as received.

Raw and Finished Mthly

Sample No.: Sample description:	Unit	LOR	21/0028-1 RVC Finished Water 6/01/2021 13:10	21/0028-2 RVC Raw Water 6/01/2021 10:15
Date sampled:				
Time sampled:				
pH	pH		7.2	7.4
Electrical Conductivity	µS/cm	1	452	206
Total Dissolved Solids by calc	mg/L	2	289	132
Fluoride - ISE	mg/L	0.05	1.09	[NA]
Colour (Apparent)	Pt-Co	2	<2	81
Colour (True)	Pt-Co	2	3	540
Turbidity	NTU	0.1	<0.10	60
Aluminium (Total)	mg/L	0.005	0.023	2.28
Aluminium (Dissolved)	mg/L	0.005	0.021	0.01
Iron (Total)	mg/L	0.005	<0.005	2.7
Iron (Dissolved)	mg/L	0.005	<0.005	0.11
Manganese (Total)	mg/L	0.005	<0.005	0.091
Manganese (Dissolved)	mg/L	0.005	<0.005	<0.005



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Sample No.: Sample description:	Unit	LOR	21/0028-1 RVC Finished Water	21/0028-2 RVC Raw Water
Date sampled:			6/01/2021	6/01/2021
Time sampled:			13:10	10:15
Alkalinity (as CaCO ₃)	mg/L	20	83	67
Suspended Solids	mg/L	1	<1	41
Total Organic Carbon*	mg/L	1	4	9
Phosphorus - Total	mg/L	0.05	<0.05	0.24
Nitrogen - Nitrite-N	mg/L	0.01	<0.01	0.01
Nitrogen - Nitrate-N	mg/L	0.05	0.22	0.17
Dissolved Organic Carbon*	mg/L	1	4	8
Total Trihalomethanes*	µg/L	1	32	[NA]
2-methylisoborneol*	ng/L	2	[NA]	<2.0
Geosmin*	ng/L	2	[NA]	<2.0
Calcium	mg/L	0.1	14.0	14.6
Magnesium	mg/L	0.1	7.8	8.2
Hardness as CaCO ₃	mg/L	1	67	70
Total Coliforms	MPN/100mL	1	<1	8,010
<i>E. coli</i>	MPN/100mL	1	<1	137
Heterotrophic Plate Count	MPN/mL	2	74	8,300



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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