



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 (NATA 11085)
Subcontract Reference: 261019/21/01143-B
Analysis results apply to samples as received.

Final report

Report no: 21/0157
Date received: 3/02/2021
Testing commenced: 3/02/2021
Date reported: 22/02/2021
No. of samples: 2
Revision no: 00

Raw and Finished Mthly

Sample No.: Sample description: Date sampled: Time sampled:	Unit	LOR	21/0157-1 RVC Finished Water 3/02/2021	21/0157-2 RVC Raw Water 3/02/2021
pH	pH		7.4	7.8
Electrical Conductivity	µS/cm	1	440	263
Total Dissolved Solids by calc	mg/L	2	282	168
Fluoride - ISE	mg/L	0.05	1.05	0.13
Colour (Apparent)	Pt-Co	2	<2	120
Colour (True)	Pt-Co	2	<2	25
Turbidity	NTU	0.1	<0.10	15
Aluminium (Total)	mg/L	0.005	0.026	0.55
Aluminium (Dissolved)	mg/L	0.005	0.026	0.005
Iron (Total)	mg/L	0.005	<0.005	0.89
Iron (Dissolved)	mg/L	0.005	<0.005	0.031
Manganese (Total)	mg/L	0.005	<0.005	0.065
Manganese (Dissolved)	mg/L	0.005	<0.005	<0.005



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Sample No.: Sample description: Date sampled: Time sampled:	Unit	LOR	21/0157-1 RVC Finished Water 3/02/2021	21/0157-2 RVC Raw Water 3/02/2021
Alkalinity (as CaCO ₃)	mg/L	20	99	90
Total Organic Carbon*	mg/L	1	2	6
Phosphorus - Total	mg/L	0.05	<0.05	0.14
Nitrogen - Nitrite-N	mg/L	0.01	<0.01	<0.01
Nitrogen - Nitrate-N	mg/L	0.05	<0.05	<0.05
Dissolved Organic Carbon*	mg/L	1	2	4
Total Trihalomethanes*	µg/L	1	20	[NA]
2-methylisoborneol*	ng/L	2	[NA]	<2.0
Geosmin*	ng/L	2	[NA]	<2.0
Calcium	mg/L	0.1	18.2	18.8
Magnesium	mg/L	0.1	10.5	11.1
Hardness as CaCO ₃	mg/L	1	89	93
Suspended Solids	mg/L	1	<1	22
Total Coliforms	MPN/100mL	1	<1	33
<i>E. coli</i>	MPN/100mL	1	<1	2,247
Heterotrophic Plate Count	MPN/mL	2	<2	900



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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