



Certificate Of Analysis

Client: Richmond Valley Council
Address: Locked Bag 10
Casino NSW 2470
Contact: Sandeep Chugh
Sampled by: Serena Tomkins
Subcontract Laboratory: Envirolab (NATA 2901) / UUQ (NATA 11085)
Subcontract Reference: 288067 / 22-1099
Analysis results apply to samples as received.

Final report

Report no: 22/0169
Date received: 2/02/2022
Testing commenced: 2/02/2022
Date reported: 18/02/2022
No. of samples: 2
Revision no: 01

Raw and Finished Mthly

Sample No.: Sample description:	Unit	LOR	22/0169-1 RVC Finished Water 2/02/2022 11:45	22/0169-2 RVC Raw Water 2/02/2022 10:30
2-methylisoborneol*	ng/L	2	[NA]	<2.0
Alkalinity (as CaCO ₃)	mg/L	20	85	83
Aluminium (Dissolved)	mg/L	0.005	0.015	0.007
Aluminium (Total)	mg/L	0.005	0.029	0.92
Total toxic BG algae cells/ml*	cells/mL	10	[NA]	[ND]
Calcium	mg/L	0.1	15.6	15.5
Colour (Apparent)	Pt-Co	2	5	210
Colour (True)	Pt-Co	2	<2	42
Dissolved Organic Carbon*	mg/L	1	1	3
<i>E. coli</i>	MPN/100mL	1	<1	727
Electrical Conductivity	µS/cm	1	330	215
Fluoride - ISE	mg/L	0.05	1.15	[NA]
Geosmin*	ng/L	2	[NA]	<2.0



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Sample No.: Sample description:	Unit	LOR	22/0169-1 RVC Finished Water	22/0169-2 RVC Raw Water
Date sampled:			2/02/2022	2/02/2022
Time sampled:			11:45	10:30
Hardness as CaCO ₃	mg/L	1	75	76
Iron (Dissolved)	mg/L	0.005	<0.005	0.089
Iron (Total)	mg/L	0.005	<0.005	1.9
Magnesium	mg/L	0.1	8.8	9.1
Manganese (Dissolved)	mg/L	0.005	<0.005	0.007
Manganese (Total)	mg/L	0.005	<0.005	0.052
Nitrogen - Nitrate-N	mg/L	0.05	0.12	0.13
Nitrogen - Nitrate-N	mg/L	0.05	0.12	0.13
Nitrogen - Nitrite-N	mg/L	0.01	<0.01	<0.01
pH	pH		7.47	7.64
Phosphorus - Total	mg/L	0.05	<0.05	0.16
Suspended Solids	mg/L	1	1	31
Total Coliforms	MPN/100mL	1	<1	24,196
TDS Calculation	mg/L	1	211	137
Total Organic Carbon*	mg/L	1	1	4
Total Trihalomethanes*	µg/L	1	14	[NA]
Turbidity	NTU	0.1	0.10	26



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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: This is the final report that supersedes the preliminary report issued on the 18.02.22

M Window
Laboratory Analyst
Approved Authoriser