



Certificate Of Analysis

Client: Richmond Valley Council
Address: Locked Bag 10
Casino NSW 2470
Contact: Sandeep Chugh
Sampled by: Client
Subcontract Laboratory: Envirolab (NATA 2901) / UUQ (NATA 11085)
Subcontract Reference: 274744 / 21-5686
Analysis results apply to samples as received.

Final report

Report no: 21/0936
Date received: 7/07/2021
Testing commenced: 7/07/2021
Date reported: 27/07/2021
No. of samples: 2
Revision no: 00

Raw and Finished Mthly-Qrtly

Sample No.: Sample description:	Unit	LOR	21/0936-1 RVC Finished Water 7/07/2021	21/0936-2 RVC Raw Water 7/07/2021 10:30
2-methylisoborneol*	ng/L	2	[NA]	<2.0
Alkalinity (as CaCO ₃)	mg/L	20	106	115
Aluminium (Dissolved)	mg/L	0.005	0.023	0.005
Aluminium (Total)	mg/L	0.005	0.023	0.54
Calcium	mg/L	0.1	22.2	22.9
Colour (Apparent)	Pt-Co	2	2	84
Colour (True)	Pt-Co	2	<2	37
Dissolved Organic Carbon*	mg/L	1	2	4
<i>E. coli</i>	MPN/100mL	1	<1	387
Electrical Conductivity	µS/cm	1	378	320
Fluoride - ISE	mg/L	0.05	1.06	[NA]
Geosmin*	ng/L	2	[NA]	<2.0
Hardness as CaCO ₃	mg/L	1	112	116



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Sample No.: Sample description:	Unit	LOR	21/0936-1 RVC Finished Water 7/07/2021	21/0936-2 RVC Raw Water 7/07/2021 10:30
Heterotrophic Plate Count	MPN/mL	2	<2	1,240
Iron (Dissolved)	mg/L	0.005	<0.005	0.065
Iron (Total)	mg/L	0.005	<0.005	0.89
Magnesium	mg/L	0.1	13.8	14.2
Manganese (Dissolved)	mg/L	0.005	<0.005	0.011
Manganese (Total)	mg/L	0.005	<0.005	0.030
Nitrogen - Nitrate-N	mg/L	0.05	0.16	0.14
Nitrogen - Nitrite-N	mg/L	0.01	<0.01	<0.01
OC/OP in Water - Low*	µg/LD/ND	D	[NA]	[ND]
pH	pH		7.4	7.9
Phosphorus - Total	mg/L	0.05	<0.05	0.099
Suspended Solids	mg/L	1	1	10
Total Coliforms	MPN/100mL	1	<1	2,924
Total Dissolved Solids by calc	mg/L	2	242	205
Total Organic Carbon*	mg/L	1	2	4
Total Trihalomethanes*	µg/L	1	16	[NA]
Turbidity	NTU	0.1	<0.10	10
VHC's*	µg/L	1	16	<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