



Certificate Of Analysis

Client: Richmond Valley Council
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 Casino NSW 2470
Contact: Sandeep Chugh
Sampled by: Serena Tomkins
Subcontract Laboratory: Envirolab (NATA 2901) / UUQ (NATA 11085)
Subcontract Reference: 286902 / 22-00525

Final report

Report no: 22/0016
Date received: 5/01/2022
Testing commenced: 5/01/2022
Date reported: 27/01/2022
No. of samples: 2
Revision no: 01

Analysis results apply to samples as received.

Raw and Finished Mthly

Sample No.: Sample description: Date sampled: Time sampled:	Unit	LOR	22/0016-1 RVC Finished Water 5/01/2022 12:00	22/0016-2 RVC Raw Water 5/01/2022 11:00
2-methylisoborneol*	ng/L	2	[NA]	<2.0
Alkalinity (as CaCO ₃)	mg/L	20	82	77
Aluminium (Dissolved)	mg/L	0.005	0.021	0.14
Aluminium (Total)	mg/L	0.005	0.037	1.19
Calcium	mg/L	0.1	14.7	14.8
Colour (Apparent)	Pt-Co	2	<2	400
Colour (True)	Pt-Co	2	<2	79
Dissolved Organic Carbon*	mg/L	1	2	5
<i>E. coli</i>	MPN/100mL	1	<1	311
Electrical Conductivity	µS/cm	1	340	203
Fluoride - ISE	mg/L	0.05	1.06	[NA]
Geosmin*	ng/L	2	[NA]	<2.0
Hardness as CaCO ₃	mg/L	1	71	72



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Sample No.: Sample description:	Unit	LOR	22/0016-1 RVC Finished Water	22/0016-2 RVC Raw Water
Date sampled:			5/01/2022	5/01/2022
Time sampled:			12:00	11:00
Heterotrophic Plate Count	MPN/mL	2	<2	3,720
Iron (Dissolved)	mg/L	0.005	<0.005	0.27
Iron (Total)	mg/L	0.005	<0.005	2.0
Magnesium	mg/L	0.1	8.4	8.6
Manganese (Dissolved)	mg/L	0.005	<0.005	0.008
Manganese (Total)	mg/L	0.005	<0.005	0.067
Nitrogen - Nitrate-N	mg/L	0.05	0.14	0.10
Nitrogen - Nitrite-N	mg/L	0.01	<0.01	<0.01
pH	pH		7.30	7.62
Phosphorus - Total	mg/L	0.05	<0.05	0.25
Suspended Solids	mg/L	1	1	46
Total Coliforms	MPN/100mL	1	<1	12,997
Total Dissolved Solids by calc	mg/L	2	218	130
Total Organic Carbon*	mg/L	1	2	6
Total Trihalomethanes*	µg/L	1	103	[NA]
Turbidity	NTU	0.1	<0.10	45



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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 18.1.22

V. Barnett
Laboratory Analyst
Approved Authoriser