



Certificate Of Analysis

Client: Richmond Valley Council
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Casino NSW 2470
Contact: Sandeep Chugh
Sampled by: Michael MacRae
Subcontract Laboratory: Envirolab (NATA2901)
Subcontract Reference: 277670

Final report

Report no: 21/1196
Date received: 25/08/2021
Testing commenced: 25/08/2021
Date reported: 14/09/2021
No. of samples: 2
Revision no: 01

Analysis results apply to samples as received.

Raw and Finished Weekly

Sample No.: Sample description:	Unit	LOR	21/1196-1 RVC Finished Water 25/08/2021 11:05	21/1196-2 RVC Raw Water 25/08/2021 08:15
Date sampled:				
Time sampled:				
Alkalinity (as CaCO ₃)	mg/L	20	133	143
Aluminium (Dissolved)	mg/L	0.005	0.051	0.040
Aluminium (Total)	mg/L	0.005	0.051	0.13
Calcium	mg/L	0.1	29.5	28.3
Colour (Apparent)	Pt-Co	2	<2	69
Colour (True)	Pt-Co	2	<2	16
<i>E. coli</i>	MPN/100mL	1	<1	43
Electrical Conductivity	µS/cm	1	436	377
Fluoride - ISE	mg/L	0.05	<u>0.12</u>	[NA]
Hardness as CaCO ₃	mg/L	1	149	142
Heterotrophic Plate Count	MPN/mL	2	<2	85
Iron (Dissolved)	mg/L	0.005	<0.005	0.15
Iron (Total)	mg/L	0.005	<0.005	0.28



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Sample No.: Sample description:	Unit	LOR	21/1196-1 RVC Finished Water 25/08/2021 11:05	21/1196-2 RVC Raw Water 25/08/2021 08:15
Magnesium	mg/L	0.1	18.2	17.3
Manganese (Dissolved)	mg/L	0.005	<0.005	0.058
Manganese (Total)	mg/L	0.005	<0.005	0.058
pH	pH		7.5	7.9
Suspended Solids	mg/L	1	1	11
Total Coliforms	MPN/100mL	1	<1	1,191
Total Dissolved Solids by calc	mg/L	2	279	241
Total Organic Carbon*	mg/L	1	2	1
Turbidity	NTU	0.1	<0.10	6.6

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 8.9.21

M Window
Laboratory Analyst
Approved Authoriser