



Certificate Of Analysis

Client: Richmond Valley Council
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 Casino NSW 2470
Contact: Sandeep Chugh
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Subcontract Laboratory: Envirolab (NATA 2901) / UUQ (NATA 11085)
Subcontract Reference: 279907 / 21-08360

Final report

Report no: 21/1422
Date received: 6/10/2021
Testing commenced: 6/10/2021
Date reported: 18/10/2021
No. of samples: 2
Revision no: 00

Analysis results apply to samples as received.

Raw and Finished Mthly-Qrtly

Sample No.: Sample description:	Unit	LOR	21/1422-1 RVC Finished Water 6/10/2021 12:50	21/1422-2 RVC Raw Water 6/10/2021 10:45
2-methylisoborneol*	ng/L	2	[NA]	<2.0
Alkalinity (as CaCO ₃)	mg/L	20	135	141
Aluminium (Dissolved)	mg/L	0.005	0.040	0.061
Aluminium (Total)	mg/L	0.005	0.042	0.28
Calcium	mg/L	0.1	28.6	27.1
Colour (Apparent)	Pt-Co	2	<2	75
Colour (True)	Pt-Co	2	<2	23
Dissolved Organic Carbon*	mg/L	1	2	3
<i>E. coli</i>	MPN/100mL	1	<1	37
Electrical Conductivity	µS/cm	1	441	361
Fluoride - ISE	mg/L	0.05	1.12	[NA]
Geosmin*	ng/L	2	[NA]	3.3
Hardness as CaCO ₃	mg/L	1	144	135



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Date sampled: Time sampled:			6/10/2021 12:50	6/10/2021 10:45
Heterotrophic Plate Count	MPN/mL	2	2	560
Iron (Dissolved)	mg/L	0.005	<0.005	0.18
Iron (Total)	mg/L	0.005	<0.005	0.47
Magnesium	mg/L	0.1	17.6	16.3
Manganese (Dissolved)	mg/L	0.005	<0.005	0.046
Manganese (Total)	mg/L	0.005	<0.005	0.046
Nitrogen - Nitrate-N	mg/L	0.05	<0.05	<0.05
Nitrogen - Nitrite-N	mg/L	0.01	<0.01	<0.01
OC/OP in Water - Low*	µg/L/D/ND	D	[NA]	[ND]
pH	pH		7.6	8.0
Phosphorus - Total	mg/L	0.05	<0.05	0.08
Suspended Solids	mg/L	1	1	12
Total Coliforms	MPN/100mL	1	<1	1,986
Total Dissolved Solids by calc	mg/L	2	282	231
Total Organic Carbon*	mg/L	1	2	3
Total Trihalomethanes*	µg/L	1	27	[NA]
Turbidity	NTU	0.1	<0.10	6.8
VHC's*	µg/L	1	27	[ND]



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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:

VHC's present in Finished water 1422-1
Chloroform 11 ug/L
Bromodichloromethane 10 ug/L
Dibromochloromethane 6 ug/L

M Window
Laboratory Analyst
Approved Authoriser