



Certificate Of Analysis

Client: Richmond Valley Council
Address: Locked Bag 10
Casino NSW 2470
Contact: Aidan Macqueen
Sampled by: Mia Donnelly
Subcontract Laboratory: Envirolab (NATA2901)
Subcontract Reference: 209759

Final report

Report no: 19/0066
Date received: 15/01/2019
Testing commenced: 15/01/2019
Date reported: 30/01/2019
No. of samples: 2
Revision no: 00

Analysis results apply to samples as received.

Raw and Finished Weekly

Sample No.: Sample description:	Unit	Method	LOR	19/0066-1 RVC Finished Water 15/01/2019 11:30	19/0066-2 RVC Raw Water 15/01/2019 11:00
Date sampled:					
Time sampled:					
pH	pH	APHA4500H		7.4	7.6
Electrical Conductivity	µS/cm	APHA2510B	1	430	317
Total Dissolved Solids by calc	mg/L	APHA1030E	2	275	203
Dissolved Oxygen	mg/L	APHA4500OG	0.2	8.0	6.3
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	32
Colour (True)	Pt-Co	RWL10.02	2	<2	9
Turbidity	NTU	APHA2130B	0.1	0.16	5.5
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	103	118
Suspended Solids	mg/L	APHA2540D	1	<1	4
Total Organic Carbon*	mg/L	Envirolab	1	2	4
Aluminium (Total)	mg/L	APHA3120B	0.005	0.048	0.22
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.045	0.022
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	0.32



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Date sampled:					
Time sampled:					
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.014
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.14
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	<0.005
Calcium	mg/L	APHA3120B	0.1	22.1	22.4
Magnesium	mg/L	APHA3120B	0.1	14.0	14.0
Hardness as CaCO ₃	mg/L	APHA2340B	1	113	114
Total Coliforms	MPN/100mL	APHA9223B	1	<1	1,553
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	13
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	555

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.
NATA accreditation does not cover the performance of this service. Tests marked with * are subcontracted.
LOR denotes 'Limit of Reporting'

Specific comments: Fluoride not analysed on Finished Water as plant not operating.

V. Barnett
Laboratory Analyst
Approved Authoriser