



Certificate Of Analysis

Client: Richmond Valley Council

Address: Locked Bag 10
Casino NSW 2470

Contact: Aidan Macqueen

Sampled by: Client

Subcontract Laboratory: Envirolab (NATA2901)

Subcontract Reference: 210679

Analysis results apply to samples as received.

Final report

Raw and Finished Weekly

Report no: 19/0103

Date received: 22/01/2019

Testing commenced: 22/01/2019

Date reported: 8/02/2019

No. of samples: 2

Revision no: 01

Sample No.: Sample description:	Unit	Method	LOR	19/0103-1 RVC Finished Water 22/01/2019 11:30	19/0103-2 RVC Raw Water 22/01/2019 11:00
Date sampled:					
Time sampled:					
pH	pH	APHA4500H		7.4	7.6
Electrical Conductivity	µS/cm	APHA2510B	1	426	334
Total Dissolved Solids by calc	mg/L	APHA1030E	2	273	214
Dissolved Oxygen	mg/L	APHA4500OG	0.2	7.9	6.9
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.01	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	42
Colour (True)	Pt-Co	RWL10.02	2	<2	10
Turbidity	NTU	APHA2130B	0.1	0.21	6.2
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	109	121
Suspended Solids	mg/L	APHA2540D	1	<1	5
Total Organic Carbon*	mg/L	Envirolab	1	2	3
Aluminium (Total)	mg/L	APHA3120B	0.005	0.059	0.15
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.055	0.021



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Date sampled:					
Time sampled:					
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	0.29
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.009
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.19
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	<0.005
Calcium	mg/L	APHA3120B	0.1	23.1	23.3
Magnesium	mg/L	APHA3120B	0.1	14.4	14.3
Hardness as CaCO ₃	mg/L	APHA2340B	1	117	117
Total Coliforms	MPN/100mL	APHA9223B	1	<1	1,986
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	13
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	>738

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: This is the final report that supersedes the preliminary report issued on the 30/01/19.

V. Barnett
Laboratory Analyst
Approved Authoriser