



Certificate Of Analysis

Client: Richmond Valley Council

Address: Locked Bag 10
Casino NSW 2470

Contact: Aidan Macqueen

Sampled by: Gary Mead

Subcontract Laboratory: Envirolab (NATA2901)

Subcontract Reference: 193067

Analysis results apply to samples as received.

Final report

Raw and Finished Weekly

Report no: 18/0815

Date received: 22/05/2018

Testing commenced: 22/05/2018

Date reported: 8/06/2018

No. of samples: 2

Revision no: 01

Sample No.: Sample description:	Unit	Method	LOR	18/0815-1 RVC Finished Water 22/05/2018 11:30	18/0815-2 RVC Raw Water 22/05/2018 11:00
Date sampled:					
Time sampled:					
pH	pH	APHA4500H		7.7	8.1
Electrical Conductivity	µS/cm	APHA2510B	1	357	280
Total Dissolved Solids by calc	mg/L	APHA1030E	2	228	179
Dissolved Oxygen	mg/L	APHA4500OG	0.2	9.8	9.5
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.07	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	25
Colour (True)	Pt-Co	RWL10.02	2	<2	10
Turbidity	NTU	APHA2130B	0.1	0.11	4.6
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	110	111
Suspended Solids	mg/L	APHA2540D	1	<1	5
Total Organic Carbon*	mg/L	Envirolab	1	3	3
Aluminium (Total)	mg/L	APHA3120B	0.005	0.13	0.28
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.080	0.036



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Date sampled:					
Time sampled:					
Iron (Total)	mg/L	APHA3120B	0.005	0.005	0.33
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.073
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.027
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.022
Calcium	mg/L	APHA3120B	0.1	21.8	20.7
Magnesium	mg/L	APHA3120B	0.1	13.7	13.2
Hardness as CaCO ₃	mg/L	APHA2340B	1	111	106
Total Coliforms	MPN/100mL	APHA9223B	1	<1	488
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	36
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	530

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 05/06/18.

V. Barnett
Laboratory Analyst
Approved Authoriser