



Certificate Of Analysis

Client: Richmond Valley Council
Address: Locked Bag 10
Casino NSW 2470
Contact: Aidan Macqueen
Sampled by: Michael MacRae
Subcontract Laboratory: Envirolab (NATA2901)
Subcontract Reference: 196675

Final report

Report no: 18/1094
Date received: 17/07/2018
Testing commenced: 17/07/2018
Date reported: 27/07/2018
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	18/1094-1 RVC Finished Water 17/07/2018 11:30	18/1094-2 RVC Raw Water 17/07/2018 11:00
Date sampled:					
Time sampled:					
pH	pH	APHA4500H		7.5	7.8
Electrical Conductivity	µS/cm	APHA2510B	1	569	272
Total Dissolved Solids by calc	mg/L	APHA1030E	2	364	174
Dissolved Oxygen	mg/L	APHA4500OG	0.2	10.0	9.4
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.21	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	3	30
Colour (True)	Pt-Co	RWL10.02	2	2	11
Turbidity	NTU	APHA2130B	0.1	0.20	5.4
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	92	99
Suspended Solids	mg/L	APHA2540D	1	1	7
Total Organic Carbon*	mg/L	Envirolab	1	3	3
Aluminium (Total)	mg/L	APHA3120B	0.005	0.16	0.41
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.090	0.040



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Date sampled:					
Time sampled:					
Iron (Total)	mg/L	APHA3120B	0.005	0.01	0.44
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.057
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.034
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	<0.005
Calcium	mg/L	APHA3120B	0.1	18.9	18.6
Magnesium	mg/L	APHA3120B	0.1	12.0	12.0
Hardness as CaCO ₃	mg/L	APHA2340B	1	97	96
Total Coliforms	MPN/100mL	APHA9223B	1	<1	579
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	38
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	124

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:

A. Hawthorne
Laboratory Manager
Approved Authoriser