



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: 164555

Final report

Report no: 17/0511
Date received: 28/03/2017
Testing commenced: 28/03/2017
Date reported: 11/04/2017
No. of samples: 2
Revision no: 01

Analysis results apply to samples as received.

Raw and Finished Weekly

Sample No.: Sample description: Date sampled:	Unit	Method	LOR	17/0511-1 RVC Finished Water 28/03/2017	17/0511-2 RVC Raw Water 28/03/2017
pH	pH	APHA4500H		7.8	7.5
Electrical Conductivity	µS/cm	APHA2510B	1	421	203
Total Dissolved Solids by calc	mg/L	APHA1030E	2	269.0	130.0
Dissolved Oxygen	mg/L	APHA4500OG	0.2	8.3	7.4
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.07	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	170
Colour (True)	Pt-Co	RWL10.02	2	<2	96
Turbidity	NTU	APHA2130B	0.1	<0.10	23
Alkalinity (as CaCO3)	mg/L	APHA2320B	20	104	71
Suspended Solids	mg/L	APHA2540D	1	<1	17
Total Organic Carbon*	mg/L	Envirolab	1	4	8
Aluminium (Total)	mg/L	APHA3120B	0.005	0.045	1.10
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.044	0.33
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	1.9



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Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.39
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.074
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.029
Calcium	mg/L	APHA3120B	0.1	12.3	13.0
Magnesium	mg/L	APHA3120B	0.1	7.4	8.2
Hardness as CaCO ₃	mg/L	APHA2340B	1	61	66
Total Coliforms	MPN/100mL	APHA9223B	1	<u>2</u>	6,670
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	205
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	14,350

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 29.03.17

S. Granzin
Laboratory Analyst