



Certificate Of Analysis

Client: Richmond Valley Council
Address: Locked Bag 10
Casino NSW 2470
Contact: Aidan Macqueen
Sampled by: Wayne Orton
Subcontract Laboratory: Envirolab (NATA2901)
Subcontract Reference: 177670

Final report

Report no: 17/1649
Date received: 10/10/2017
Testing commenced: 10/10/2017
Date reported: 25/10/2017
No. of samples: 2
Revision no: 00

Analysis results apply to samples as received.

Raw and Finished Weekly

Sample No.: Sample description: Date sampled:	Unit	Method	LOR	17/1649-1 RVC Finished Water 10/10/2017	17/1649-2 RVC Raw Water 10/10/2017
pH	pH	APHA4500H		7.5	7.4
Electrical Conductivity	µS/cm	APHA2510B	1	379	408
Total Dissolved Solids by calc	mg/L	APHA1030E	2	243	261
Dissolved Oxygen	mg/L	APHA4500OG	0.2	8.1	7.9
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.07	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	31
Colour (True)	Pt-Co	RWL10.02	2	<2	10
Turbidity	NTU	APHA2130B	0.1	0.12	3.1
Alkalinity (as CaCO3)	mg/L	APHA2320B	20	127	141
Suspended Solids	mg/L	APHA2540D	1	<1	6
Total Organic Carbon*	mg/L	Envirolab	1	3	4
Aluminium (Total)	mg/L	APHA3120B	0.005	0.11	0.31
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.084	0.030
Iron (Total)	mg/L	APHA3120B	0.005	0.006	0.27



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Iron (Dissolved)	mg/L	APHA3120B	0.005	0.005	0.008
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.077
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.007
Calcium	mg/L	APHA3120B	0.1	30.0	28.4
Magnesium	mg/L	APHA3120B	0.1	18.7	17.7
Hardness as CaCO ₃	mg/L	APHA2340B	1	152	144
Total Coliforms	MPN/100mL	APHA9223B	1	<1	770
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	24
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	1,540

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