



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: 183173

Analysis results apply to samples as received.

Final report

Raw and Finished Weekly

Report no: 18/0048

Date received: 9/01/2018

Testing commenced: 9/01/2018

Date reported: 23/01/2018

No. of samples: 2

Revision no: 00

Sample No.: Sample description: Date sampled:	Unit	Method	LOR	18/0048-1 RVC Finished Water 9/01/2018	18/0048-2 RVC Raw Water 9/01/2018
pH	pH	APHA4500H		7.2	7.5
Electrical Conductivity	µS/cm	APHA2510B	1	385	249
Total Dissolved Solids by calc	mg/L	APHA1030E	2	246	159
Dissolved Oxygen	mg/L	APHA4500OG	0.2	8.0	7.9
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.06	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	130
Colour (True)	Pt-Co	RWL10.02	2	<2	51
Turbidity	NTU	APHA2130B	0.1	0.12	24
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	83	89
Suspended Solids	mg/L	APHA2540D	1	<1	19
Total Organic Carbon*	mg/L	Envirolab	1	3	6
Aluminium (Total)	mg/L	APHA3120B	0.005	0.069	2.06
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.062	0.48
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	1.9



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Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.51
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.082
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.007
Calcium	mg/L	APHA3120B	0.1	16.3	15.8
Magnesium	mg/L	APHA3120B	0.1	10.3	10.2
Hardness as CaCO ₃	mg/L	APHA2340B	1	83	81
Total Coliforms	MPN/100mL	APHA9223B	1	<1	2,994
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	54
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	3,420

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