



## 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:** 187919

*Analysis results apply to samples as received.*

Final report

Raw and Finished Weekly

**Report no:** 18/0477

**Date received:** 20/03/2018

**Testing commenced:** 20/03/2018

**Date reported:** 5/04/2018

**No. of samples:** 2

**Revision no:** 00

Sample No.: Sample description:	Unit	Method	LOR	18/0477-1 RVC Finished Water 20/03/2018 11:30	18/0477-2 RVC Raw Water 20/03/2018 11:00
Date sampled:					
Time sampled:					
pH	pH	APHA4500H		7.5	7.7
Electrical Conductivity	µS/cm	APHA2510B	1	421	227
Total Dissolved Solids by calc	mg/L	APHA1030E	2	269	145
Dissolved Oxygen	mg/L	APHA4500OG	0.2	8.4	8.3
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.10	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	100
Colour (True)	Pt-Co	RWL10.02	2	<2	23
Turbidity	NTU	APHA2130B	0.1	<0.10	22
Alkalinity (as CaCO <sub>3</sub> )	mg/L	APHA2320B	20	102	88
Suspended Solids	mg/L	APHA2540D	1	<1	24
Total Organic Carbon*	mg/L	Envirolab	1	1	3
Aluminium (Total)	mg/L	APHA3120B	0.005	0.077	1.39
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.064	0.26



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Date sampled:					
Time sampled:					
Iron (Total)	mg/L	APHA3120B	0.005	0.005	1.7
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.33
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.068
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.020
Calcium	mg/L	APHA3120B	0.1	15.4	16.1
Magnesium	mg/L	APHA3120B	0.1	9.5	10
Hardness as CaCO <sub>3</sub>	mg/L	APHA2340B	1	78	81
Total Coliforms	MPN/100mL	APHA9223B	1	<1	2,708
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	60
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	4,180

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