



## 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:** 183558

Final report

**Report no:** 18/0096  
**Date received:** 16/01/2018  
**Testing commenced:** 16/01/2018  
**Date reported:** 30/01/2018  
**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	18/0096-1 RVC Finished Water 16/01/2018	18/0096-2 RVC Raw Water 16/01/2018
pH	pH	APHA4500H		7.3	7.6
Electrical Conductivity	µS/cm	APHA2510B	1	408	285
Total Dissolved Solids by calc	mg/L	APHA1030E	2	261	182
Dissolved Oxygen	mg/L	APHA4500OG	0.2	8.0	6.9
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.07	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	89
Colour (True)	Pt-Co	RWL10.02	2	<2	35
Turbidity	NTU	APHA2130B	0.1	0.12	11
Alkalinity (as CaCO3)	mg/L	APHA2320B	20	109	115
Suspended Solids	mg/L	APHA2540D	1	2	14
Total Organic Carbon*	mg/L	Envirolab	1	3	5
Aluminium (Total)	mg/L	APHA3120B	0.005	0.065	0.71
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.065	0.11
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	0.62



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Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.12
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.089
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.007
Calcium	mg/L	APHA3120B	0.1	19.5	15.8
Magnesium	mg/L	APHA3120B	0.1	12.1	9.9
Hardness as CaCO <sub>3</sub>	mg/L	APHA2340B	1	99	80
Total Coliforms	MPN/100mL	APHA9223B	1	<1	1,553
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	46
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