



## 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:** 201874

Final report

**Report no:** 18/1459  
**Date received:** 25/09/2018  
**Testing commenced:** 25/09/2018  
**Date reported:** 8/10/2018  
**No. of samples:** 2  
**Revision no:** 00

*Analysis results apply to samples as received.*

Raw and Finished Weekly

Sample No.: Sample description:	Unit	Method	LOR	18/1459-1 RVC Finished Water 25/09/2018 11:30	18/1459-2 RVC Raw Water 25/09/2018 11:00
Date sampled:					
Time sampled:					
pH	pH	APHA4500H		7.6	7.9
Electrical Conductivity	µS/cm	APHA2510B	1	367	337
Total Dissolved Solids by calc	mg/L	APHA1030E	2	235	216
Dissolved Oxygen	mg/L	APHA4500OG	0.2	8.9	8.6
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.18	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	20
Colour (True)	Pt-Co	RWL10.02	2	<2	8
Turbidity	NTU	APHA2130B	0.1	<0.10	4.2
Alkalinity (as CaCO <sub>3</sub> )	mg/L	APHA2320B	20	107	123
Suspended Solids	mg/L	APHA2540D	1	1	6
Total Organic Carbon*	mg/L	Envirolab	1	2	3
Aluminium (Total)	mg/L	APHA3120B	0.005	0.092	0.23
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.089	0.027



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Date sampled:					
Time sampled:					
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	0.25
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.009
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.051
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	<0.005
Calcium	mg/L	APHA3120B	0.1	23.8	23.8
Magnesium	mg/L	APHA3120B	0.1	15.5	15.5
Hardness as CaCO <sub>3</sub>	mg/L	APHA2340B	1	123	123
Total Coliforms	MPN/100mL	APHA9223B	1	<1	866
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	19
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	555

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:

V. Barnett  
Laboratory Analyst  
Approved Authoriser