



## Certificate Of Analysis

**Client:** Richmond Valley Council

**Address:** Locked Bag 10  
Casino NSW 2470

**Contact:** DavidCash

**Sampled by:** M.McRae

**Subcontract Laboratory:** Envirolab (NATA 2901); UUQ

**Subcontract Reference:** 220115 - 19/05507

*Analysis results apply to samples as received.*

Final report

Raw and Finished Weekly

**Report no:** 19/1005

**Date received:** 18/06/2019

**Testing commenced:** 18/06/2019

**Date reported:** 9/07/2019

**No. of samples:** 2

**Revision no:** 01

Sample No.: Sample description:  Date sampled: Time sampled:	Unit	Method	LOR	19/1005-1 RVC Finished Water 18/06/2019	19/1005-2 RVC Raw Water 18/06/2019
pH	pH	APHA4500H		7.4	7.5
Electrical Conductivity	µS/cm	APHA2510B	1	316	266
Total Dissolved Solids by calc	mg/L	APHA1030E	2	202	170
Dissolved Oxygen	mg/L	APHA4500OG	0.2	9.0	8.9
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.05	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	25
Colour (True)	Pt-Co	RWL10.02	2	<2	8
Turbidity	NTU	APHA2130B	0.1	0.16	3.4
Alkalinity (as CaCO <sub>3</sub> )	mg/L	APHA2320B	20	98	98
Suspended Solids	mg/L	APHA2540D	1	1	4
Total Organic Carbon*	mg/L	Envirolab	1	2	3
Aluminium (Total)	mg/L	APHA3120B	0.005	0.070	0.11
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.048	<0.005



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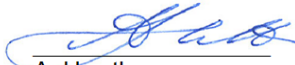
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Sample No.: Sample description:  Date sampled: Time sampled:	Unit	Method	LOR	19/1005-1 RVC Finished Water 18/06/2019	19/1005-2 RVC Raw Water 18/06/2019
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	0.25
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.013
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.023
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	<0.005
Calcium	mg/L	APHA3120B	0.1	17.9	17.5
Magnesium	mg/L	APHA3120B	0.1	11.2	11.0
Hardness as CaCO <sub>3</sub>	mg/L	APHA2340B	1	91	89
Total Toxic Blue Green Algae*	cells/mL	UUQ	10	[NA]	[ND]
Total Coliforms	MPN/100mL	APHA9223B	1	<1	196
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	2,613
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	830

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 - Testing  
# NATA accreditation does not cover the performance of this service. Tests marked with \* are subcontracted.  
LOR denotes 'Limit of Reporting' < denotes less than; > denotes greater than; ND denotes 'not detected'  
The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards

Specific comments: This is the final report that supersedes the preliminary report issued on the 02.07.19

  
A. Hawthorne  
Laboratory Manager  
Approved Authoriser