



## Certificate Of Analysis

**Client:** Richmond Valley Council  
**Address:** Locked Bag 10  
Casino NSW 2470  
**Contact:** Aidan Macqueen  
**Sampled by:** Wayne Orton  
**Subcontract Laboratory:** Envirolab (NATA2901)  
**Subcontract Reference:** 171813

Final report

**Report no:** 17/1170  
**Date received:** 18/07/2017  
**Testing commenced:** 18/07/2017  
**Date reported:** 1/08/2017  
**No. of samples:** 2  
**Revision no:** 01

*Analysis results apply to samples as received.*

Raw and Finished Weekly

Sample No.: Sample description:  Date sampled:	Unit	Method	LOR	17/1170-1 RVC Finished Water 18/07/2017	17/1170-2 RVC Raw Water 18/07/2017
pH	pH	APHA4500H		7.8	7.8
Electrical Conductivity	µS/cm	APHA2510B	1	350	285
Total Dissolved Solids by calc	mg/L	APHA1030E	2	224	182
Dissolved Oxygen	mg/L	APHA4500OG	0.2	9.5	9.2
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.10	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	58
Colour (True)	Pt-Co	RWL10.02	2	<2	23
Turbidity	NTU	APHA2130B	0.1	0.13	11
Alkalinity (as CaCO <sub>3</sub> )	mg/L	APHA2320B	20	111	105
Suspended Solids	mg/L	APHA2540D	1	<1	9
Total Organic Carbon*	mg/L	Envirolab	1	3	4
Aluminium (Total)	mg/L	APHA3120B	0.005	0.067	0.62
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.064	0.099
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	1.0



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Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.15
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.031
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.013
Calcium	mg/L	APHA3120B	0.1	21.2	20.5
Magnesium	mg/L	APHA3120B	0.1	13.1	12.9
Hardness as CaCO <sub>3</sub>	mg/L	APHA2340B	1	107	104
Total Coliforms	MPN/100mL	APHA9223B	1	<1	3,978
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	1,046
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	7,440

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: This is the final report that supersedes the preliminary report issued on the 27.07.17

V. Barnett  
Laboratory Analyst  
Approved Authoriser