



## Certificate Of Analysis

**Client:** Richmond Valley Council  
**Address:** Locked Bag 10  
Casino NSW 2470  
**Contact:** Aidan Macqueen  
**Sampled by:** Mia Donnelly

Final report

**Report no:** 18/1938 01  
**Date received:** 18/12/2018  
**Testing commenced:** 18/12/2018  
**Date reported:** 14/01/2019  
**No. of samples:** 2

*Analysis results apply to sample as received.*

Raw and Finished Weekly

Sample No.: Sample description:	Unit	Method	LOR	1 RVC Finished Water 18/12/2018	2 RVC Raw Water 18/12/2018
Date sampled: Time sampled:					
pH	pH	APHA4500H		7.1	7.6
Electrical Conductivity	µS/cm	APHA2510B	1	376	325
Total Dissolved Solids by calc	mg/L	APHA1030E	2	241	208
Dissolved Oxygen	mg/L	APHA4500OG	0.2	8.1	7.0
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.14	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	2	35
Colour (True)	Pt-Co	RWL10.02	2	2	10
Turbidity	NTU	APHA2130B	0.1	0.16	6.3
Alkalinity (as CaCO <sub>3</sub> )	mg/L	APHA2320B	20	94	125
Suspended Solids	mg/L	APHA2540D	1	<1	4
Aluminium (Total)	mg/L	APHA3120B	0.005	0.040	0.34
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.040	0.037
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	0.40
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.024
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.13
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.020

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Sample No.: Sample description:  Date sampled: Time sampled:	Unit	Method	LOR	1 RVC Finished Water 18/12/2018	2 RVC Raw Water 18/12/2018
Calcium	mg/L	APHA3120B	0.1	23.3	22.6
Magnesium	mg/L	APHA3120B	0.1	14.5	14.4
Hardness as CaCO <sub>3</sub>	mg/L	APHA2340B	1	118	116
Total Coliforms	MPN/100mL	APHA9223B	1	<1	5,818
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	17
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	3,660

**General comments:** This report must not be reproduced except in full. This report relates to the items tested as specified herein. Samples analysed 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:** TOC not analysed as equipment failure at sub-contract laboratory. VB



M Window  
Laboratory Analyst  
Approved Authoriser