



## Certificate Of Analysis

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

Final report

**Report no:** 18/1657  
**Date received:** 30/10/2018  
**Testing commenced:** 30/10/2018  
**Date reported:** 12/11/2018  
**No. of samples:** 2  
**Revision no:** 00

**Sampled by:**  
**Subcontract Laboratory:** Envirolab (NATA2901)

**Subcontract Reference:** 204660

Raw and Finished Weekly

*Analysis results apply to samples as received.*

Sample No.: Sample description:  Date sampled: Time sampled:	Unit	Method	LOR	18/1657-1 RVC Finished Water 30/10/2018	18/1657-2 RVC Raw Water 30/10/2018
pH	pH	APHA4500H		7.1	7.3
Electrical Conductivity	µS/cm	APHA2510B	1	318	228
Total Dissolved Solids by calc	mg/L	APHA1030E	2	204	146
Dissolved Oxygen	mg/L	APHA4500OG	0.2	10.4	8.0
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.07	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	58
Colour (True)	Pt-Co	RWL10.02	2	<2	25
Turbidity	NTU	APHA2130B	0.1	0.28	11
Alkalinity (as CaCO <sub>3</sub> )	mg/L	APHA2320B	20	64	83
Suspended Solids	mg/L	APHA2540D	1	2	15
Total Organic Carbon*	mg/L	Envirolab	1	7	12
Aluminium (Total)	mg/L	APHA3120B	0.005	0.081	0.79
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.078	0.26



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Sample No.: Sample description:  Date sampled: Time sampled:	Unit	Method	LOR	18/1657-1 RVC Finished Water 30/10/2018	18/1657-2 RVC Raw Water 30/10/2018
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	0.90
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.25
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.072
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.025
Calcium	mg/L	APHA3120B	0.1	15.5	16.6
Magnesium	mg/L	APHA3120B	0.1	10	10.6
Hardness as CaCO <sub>3</sub>	mg/L	APHA2340B	1	80	85
Total Coliforms	MPN/100mL	APHA9223B	1	<1	1,120
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	31
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	2,100

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:

  
M Window  
Laboratory Analyst  
Approved Authoriser