



## 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:** 173277  
*Analysis results apply to samples as received.*

Final report

**Report no:** 17/1274  
**Date received:** 8/08/2017  
**Testing commenced:** 8/08/2017  
**Date reported:** 18/08/2017  
**No. of samples:** 2  
**Revision no:** 00

Raw and Finished Weekly

Sample No.: Sample description:  Date sampled:	Unit	Method	LOR	17/1274-1 RVC Finished Water 8/08/2017	17/1274-2 RVC Raw Water 8/08/2017
pH	pH	APHA4500H		7.4	7.8
Electrical Conductivity	µS/cm	APHA2510B	1	333	319
Total Dissolved Solids by calc	mg/L	APHA1030E	2	213	204
Dissolved Oxygen	mg/L	APHA4500OG	0.2	9.7	9.6
Fluoride - ISE	mg/L	APHA4500FC	0.05	0.992	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	34
Colour (True)	Pt-Co	RWL10.02	2	<2	11
Turbidity	NTU	APHA2130B	0.1	<0.10	5.3
Alkalinity (as CaCO <sub>3</sub> )	mg/L	APHA2320B	20	110	120
Suspended Solids	mg/L	APHA2540D	1	1	6
Total Organic Carbon*	mg/L	Envirolab	1	2	2
Aluminium (Total)	mg/L	APHA3120B	0.005	0.13	0.31
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.11	0.067
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	0.47



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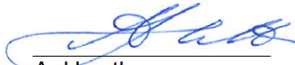
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Sample No.: Sample description: Date sampled:	Unit	Method	LOR	17/1274-1 RVC Finished Water 8/08/2017	17/1274-2 RVC Raw Water 8/08/2017
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.068
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.033
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	<0.005
Calcium	mg/L	APHA3120B	0.1	22.5	23.7
Magnesium	mg/L	APHA3120B	0.1	13.9	14.7
Hardness as CaCO <sub>3</sub>	mg/L	APHA2340B	1	113	120
Total Coliforms	MPN/100mL	APHA9223B	1	<1	1,076
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	44
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	1,080

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:

  
A. Hawthorne  
Laboratory Manager  
Approved Authoriser