



## Certificate Of Analysis

**Client:** Richmond Valley Council  
**Address:** Locked Bag 10  
Casino NSW 2470  
**Contact:** Sandeep Chugh  
**Sampled by:** M.M  
**Subcontract Laboratory:** Envirolab (NATA2901)  
**Subcontract Reference:** 247635  
*Analysis results apply to samples as received.*

Final report

**Report no:** 20/1133  
**Date received:** 22/07/2020  
**Testing commenced:** 22/07/2020  
**Date reported:** 4/08/2020  
**No. of samples:** 2  
**Revision no:** 00

Raw and Finished Weekly

Sample No.: Sample description:	Unit	Method	LOR	20/1133-1 RVC Finished Water 22/07/2020 12:33	20/1133-2 RVC Raw Water 22/07/2020 10:05
pH	pH	APHA4500H		7.6	7.8
Electrical Conductivity	µS/cm	APHA2510B	1	338	305
Total Dissolved Solids by calc	mg/L	APHA1030E	2	216	195
Dissolved Oxygen	mg/L	APHA4500OG	0.2	10.1	9.2
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.09	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	27
Colour (True)	Pt-Co	RWL10.02	2	<2	7
Turbidity	NTU	APHA2130B	0.1	<0.10	4.0
Aluminium (Total)	mg/L	APHA3120B	0.005	0.034	0.11
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.030	<0.005
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	0.16
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.006
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.037



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Sample No.: Sample description:  Date sampled: Time sampled:	Unit	Method	LOR	20/1133-1 RVC Finished Water 22/07/2020 12:33	20/1133-2 RVC Raw Water 22/07/2020 10:05
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	<0.005
Alkalinity (as CaCO <sub>3</sub> )	mg/L	APHA2320B	20	106	110
Suspended Solids	mg/L	APHA2540D	1	1	5
Total Organic Carbon*	mg/L	EnviroLab	1	1	2
Calcium	mg/L	APHA3120B	0.1	23.0	24.2
Magnesium	mg/L	APHA3120B	0.1	13.8	14.1
Hardness as CaCO <sub>3</sub>	mg/L	APHA2340B	1	114	118
Total Coliforms	MPN/100mL	APHA9223B	1	<1	5,794
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	33
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	260

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: