



Certificate Of Analysis

Client: Richmond Valley Council

Address: Locked Bag 10
Casino NSW 2470

Contact: David Cash

Sampled by: Gary Mead

Subcontract Laboratory: Envirolab (NATA2901)

Subcontract Reference: 221527

Analysis results apply to samples as received.

Final report

Raw and Finished Weekly

Report no: 19/1107

Date received: 9/07/2019

Testing commenced: 9/07/2019

Date reported: 22/07/2019

No. of samples: 2

Revision no: 00

Sample No.: Sample description: Date sampled: Time sampled:	Unit	Method	LOR	19/1107-1 RVC Finished Water 8/07/2019	19/1107-2 RVC Raw Water 8/07/2019
pH	pH	APHA4500H		8.0	8.0
Electrical Conductivity	µS/cm	APHA2510B	1	336	250
Total Dissolved Solids by calc	mg/L	APHA1030E	2	215	160
Dissolved Oxygen	mg/L	APHA4500OG	0.2	9.9	9.2
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.02	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	72
Colour (True)	Pt-Co	RWL10.02	2	<2	22
Turbidity	NTU	APHA2130B	0.1	<0.10	15
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	89	83
Suspended Solids	mg/L	APHA2540D	1	<1	12
Total Organic Carbon*	mg/L	Envirolab	1	2	3
Aluminium (Total)	mg/L	APHA3120B	0.005	0.043	0.86
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.043	0.18



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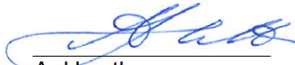
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Sample No.: Sample description: Date sampled: Time sampled:	Unit	Method	LOR	19/1107-1 RVC Finished Water 8/07/2019	19/1107-2 RVC Raw Water 8/07/2019
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	1.0
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.22
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.029
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.007
Calcium	mg/L	APHA3120B	0.1	15.3	16.5
Magnesium	mg/L	APHA3120B	0.1	10	10.6
Hardness as CaCO ₃	mg/L	APHA2340B	1	79	85
Total Coliforms	MPN/100mL	APHA9223B	1	<1	166
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	3,570
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	1,860

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:


 A. Hawthorne
 Laboratory Manager
 Approved Authoriser