



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: 219480

Analysis results apply to samples as received.

Final report

Raw and Finished Weekly

Report no: 19/0960

Date received: 11/06/2019

Testing commenced: 11/06/2019

Date reported: 24/06/2019

No. of samples: 2

Revision no: 00

Sample No.: Sample description:	Unit	Method	LOR	19/0960-1 RVC Finished Water 11/06/2019 11:30	19/0960-2 RVC Raw Water 11/06/2019 10:30
pH	pH	APHA4500H		7.4	7.8
Electrical Conductivity	µS/cm	APHA2510B	1	310	252
Total Dissolved Solids by calc	mg/L	APHA1030E	2	198	161
Dissolved Oxygen	mg/L	APHA4500OG	0.2	9.5	8.9
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.03	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	28
Colour (True)	Pt-Co	RWL10.02	2	<2	11
Turbidity	NTU	APHA2130B	0.1	<0.10	2.9
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	92	92
Suspended Solids	mg/L	APHA2540D	1	1	4
Total Organic Carbon*	mg/L	Envirolab	1	2	3
Aluminium (Total)	mg/L	APHA3120B	0.005	0.059	0.12
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.043	<0.005



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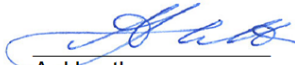
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Sample No.: Sample description:	Unit	Method	LOR	19/0960-1 RVC Finished Water 11/06/2019 11:30	19/0960-2 RVC Raw Water 11/06/2019 10:30
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	0.20
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.009
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.025
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	<0.005
Calcium	mg/L	APHA3120B	0.1	16.6	16.8
Magnesium	mg/L	APHA3120B	0.1	10.6	10.5
Hardness as CaCO3	mg/L	APHA2340B	1	85	85
Total Coliforms	MPN/100mL	APHA9223B	1	<1	727
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	41
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	750

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