



Certificate Of Analysis

Client: Richmond Valley Council
Address: Locked Bag 10
 Casino NSW 2470
Contact: Sandeep Chugh
Sampled by: Gary Mead
Subcontract Laboratory: Envirolab (NATA2901)
Subcontract Reference: 227119

Final report

Report no: 19/1570
Date received: 25/09/2019
Testing commenced: 25/09/2019
Date reported: 9/10/2019
No. of samples: 2
Revision no: 00

Analysis results apply to samples as received.

Raw and Finished Weekly

Sample No.: Sample description: Date sampled: Time sampled:	Unit	Method	LOR	19/1570-1 RVC Finished Water 25/09/2019 15:00	19/1570-2 RVC Raw Water 25/09/2019 09:00
pH	pH	APHA4500H		7.5	7.6
Electrical Conductivity	µS/cm	APHA2510B	1	360	313
Total Dissolved Solids by calc	mg/L	APHA1030E	2	230	200
Dissolved Oxygen	mg/L	APHA4500OG	0.2	10.3	7.4
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.13	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	29
Colour (True)	Pt-Co	RWL10.02	2	<2	5
Turbidity	NTU	APHA2130B	0.1	0.13	3.8
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	104	114
Suspended Solids	mg/L	APHA2540D	1	1	7
Total Organic Carbon*	mg/L	Envirolab	1	2	4
Aluminium (Total)	mg/L	APHA3120B	0.005	0.038	0.14
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.036	<0.005



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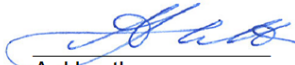
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Sample No.: Sample description:	Unit	Method	LOR	19/1570-1 RVC Finished Water 25/09/2019 15:00	19/1570-2 RVC Raw Water 25/09/2019 09:00
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	0.23
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.007
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.097
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	<0.005
Calcium	mg/L	APHA3120B	0.1	20.7	21.6
Magnesium	mg/L	APHA3120B	0.1	12.5	12.8
Hardness as CaCO ₃	mg/L	APHA2340B	1	103	107
Total Coliforms	MPN/100mL	APHA9223B	1	<1	1,203
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	6
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	339

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