



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: 203466

Final report

Report no: 18/1594
Date received: 16/10/2018
Testing commenced: 16/10/2018
Date reported: 30/10/2018
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	18/1594-1 RVC Finished Water 16/10/2018 12:30	18/1594-2 RVC Raw Water 16/10/2018 11:30
pH	pH	APHA4500H		6.9	7.3
Electrical Conductivity	µS/cm	APHA2510B	1	390	202
Total Dissolved Solids by calc	mg/L	APHA1030E	2	250	129
Dissolved Oxygen	mg/L	APHA4500OG	0.2	9.2	8.6
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.04	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	350
Colour (True)	Pt-Co	RWL10.02	2	<2	110
Turbidity	NTU	APHA2130B	0.1	0.41	110
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	58	58
Suspended Solids	mg/L	APHA2540D	1	1	139
Total Organic Carbon*	mg/L	Envirolab	1	6	10
Aluminium (Total)	mg/L	APHA3120B	0.005	0.20	3.45
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.13	1.22



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Iron (Total)	mg/L	APHA3120B	0.005	0.005	6.5
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	1.03
Manganese (Total)	mg/L	APHA3120B	0.005	0.032	0.24
Manganese (Dissolved)	mg/L	APHA3120B	0.005	0.032	0.01
Calcium	mg/L	APHA3120B	0.1	15.1	13.7
Magnesium	mg/L	APHA3120B	0.1	9.8	9.3
Hardness as CaCO ₃	mg/L	APHA2340B	1	78	73
Total Coliforms	MPN/100mL	APHA9223B	1	<1	38,730
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	2,310
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	28,700

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:


M Window
Laboratory Analyst
Approved Authoriser