



Certificate Of Analysis

Client: Richmond Valley Council
Address: Locked Bag 10
Casino NSW 2470
Contact: Aidan Macqueen
Sampled by: Michael MacRae
Subcontract Laboratory: Envirolab (NATA2901)
Subcontract Reference: 213928

Final report

Report no: 19/0482
Date received: 19/03/2019
Testing commenced: 19/03/2019
Date reported: 29/03/2019
No. of samples: 2
Revision no: 00

Analysis results apply to samples as received.

Raw and Finished Weekly

Sample No.: Sample description:	Unit	Method	LOR	19/0482-1 RVC Finished Water 19/03/2019 11:30	19/0482-2 RVC Raw Water 19/03/2019 11:00
pH	pH	APHA4500H		7.3	7.4
Electrical Conductivity	µS/cm	APHA2510B	1	384	282
Total Dissolved Solids by calc	mg/L	APHA1030E	2	246	180
Dissolved Oxygen	mg/L	APHA4500OG	0.2	7.8	6.3
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.06	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	37
Colour (True)	Pt-Co	RWL10.02	2	<2	14
Turbidity	NTU	APHA2130B	0.1	0.11	4.8
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	91	102
Suspended Solids	mg/L	APHA2540D	1	4	7
Total Organic Carbon*	mg/L	Envirolab	1	2	4
Aluminium (Total)	mg/L	APHA3120B	0.005	0.049	0.14
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.048	0.016



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Iron (Total)	mg/L	APHA3120B	0.005	<0.005	0.27
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.016
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.15
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	<0.005
Calcium	mg/L	APHA3120B	0.1	20.1	19.4
Magnesium	mg/L	APHA3120B	0.1	12.3	12.0
Hardness as CaCO ₃	mg/L	APHA2340B	1	101	98
Total Coliforms	MPN/100mL	APHA9223B	1	<1	1,733
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	60
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	14,000

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:

V. Barnett
Laboratory Analyst
Approved Authoriser