



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: 188709
Analysis results apply to samples as received.

Final report

Report no: 18/0511
Date received: 27/03/2018
Testing commenced: 27/03/2018
Date reported: 12/04/2018
No. of samples: 2
Revision no: 00

Raw and Finished Weekly

Sample No.: Sample description: Date sampled: Time sampled:	Unit	Method	LOR	18/0511-1 RVC Finished Water 27/03/2018 11:30	18/0511-2 RVC Raw Water 27/03/2018 11:00
pH	pH	APHA4500H		7.2	7.6
Electrical Conductivity	µS/cm	APHA2510B	1	418	252
Total Dissolved Solids by calc	mg/L	APHA1030E	2	268	161
Dissolved Oxygen	mg/L	APHA4500OG	0.2	8.3	7.6
Fluoride - ISE	mg/L	APHA4500FC	0.05	0.98	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	81
Colour (True)	Pt-Co	RWL10.02	2	2	31
Turbidity	NTU	APHA2130B	0.1	<0.10	15
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	106	96
Suspended Solids	mg/L	APHA2540D	1	<1	12
Total Organic Carbon*	mg/L	Envirolab	1	2	4
Aluminium (Total)	mg/L	APHA3120B	0.005	0.061	0.90
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.056	0.18



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Iron (Total)	mg/L	APHA3120B	0.005	<0.005	1.3
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.29
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.049
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.016
Calcium	mg/L	APHA3120B	0.1	16.9	17.0
Magnesium	mg/L	APHA3120B	0.1	10.7	10.7
Hardness as CaCO ₃	mg/L	APHA2340B	1	86	87
Total Coliforms	MPN/100mL	APHA9223B	1	<1	3,285
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	82
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	2,000

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:



A. Hawthorne
Laboratory Manager
Approved Authoriser