



Certificate Of Analysis

Client: Richmond Valley Council
Address: Locked Bag 10
Casino NSW 2470
Contact: Sandeep Chugh

Final report

Report no: 20/0095
Date received: 15/01/2020
Testing commenced: 15/01/2020
Date reported: 24/01/2020
No. of samples: 2
Revision no: 00

Sampled by:
Subcontract Laboratory: Envirolab (NATA2901)
Subcontract Reference: 234698

Raw and Finished Weekly

Analysis results apply to samples as received.

Sample No.: Sample description:	Unit	Method	LOR	20/0095-1 RVC Finished Water 15/01/2020 12:55	20/0095-2 RVC Raw Water 15/01/2020 12:55
Date sampled:					
Time sampled:					
pH	pH	APHA4500H		7.3	8.1
Electrical Conductivity	µS/cm	APHA2510B	1	560	371
Total Dissolved Solids by calc	mg/L	APHA1030E	2	358	237
Dissolved Oxygen	mg/L	APHA4500OG	0.2	7.4	5.7
Colour (Apparent)	Pt-Co	RWL10.02	2	3	88
Colour (True)	Pt-Co	RWL10.02	2	<2	15
Turbidity	NTU	APHA2130B	0.1	0.35	11
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	128	133
Suspended Solids	mg/L	APHA2540D	1	<1	17
Total Organic Carbon*	mg/L	Envirolab	1	<1	4
Aluminium (Total)	mg/L	APHA3120B	0.005	0.070	0.17
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.051	<0.005
Iron (Total)	mg/L	APHA3120B	0.005	0.007	0.34



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Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.016
Manganese (Total)	mg/L	APHA3120B	0.005	0.011	0.12
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	<0.005
Calcium	mg/L	APHA3120B	0.1	24.4	25.3
Magnesium	mg/L	APHA3120B	0.1	16.4	17.2
Hardness as CaCO3	mg/L	APHA2340B	1	128	134
Total Coliforms	MPN/100mL	APHA9223B	1	<1	61,520
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	16
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	5,200

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:


 M Window
 Laboratory Analyst
 Approved Authoriser