



Certificate Of Analysis

Client: Richmond Valley Council
Address: Locked Bag 10
 Casino NSW 2470
Contact: Sandeep Chugh
Sampled by: MM
Subcontract Laboratory: Envirolab (NATA2901)
Subcontract Reference: 251564
Analysis results apply to samples as received.

Final report

Report no: 20/1417
Date received: 16/09/2020
Testing commenced: 16/09/2020
Date reported: 29/09/2020
No. of samples: 2
Revision no: 00

Raw and Finished Weekly

Sample No.: Sample description: Date sampled: Time sampled:	Unit	Method	LOR	20/1417-1 RVC Finished Water 16/09/2020 13:15	20/1417-2 RVC Raw Water 16/09/2020 10:15
pH	pH	APHA4500H		7.5	7.7
Electrical Conductivity	µS/cm	APHA2510B	1	361	321
Total Dissolved Solids by calc	mg/L	APHA1030E	2	231	205
Dissolved Oxygen	mg/L	APHA4500OG	0.2	8.8	8.2
Fluoride - ISE	mg/L	APHA4500FC	0.05	0.991	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	62
Colour (True)	Pt-Co	RWL10.02	2	<2	12
Turbidity	NTU	APHA2130B	0.1	0.10	6.5
Aluminium (Total)	mg/L	APHA3120B	0.005	0.062	0.22
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.059	0.024
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	0.33
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.007
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.10



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Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.005
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	95	115
Suspended Solids	mg/L	APHA2540D	1	1	8
Total Organic Carbon*	mg/L	Envirolab	1	1	2
Calcium	mg/L	APHA3120B	0.1	23.3	24.0
Magnesium	mg/L	APHA3120B	0.1	13.6	13.9
Hardness as CaCO ₃	mg/L	APHA2340B	1	114	117
Total Coliforms	MPN/100mL	APHA9223B	1	<1	613
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	11
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	450

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