



Certificate Of Analysis

Client: Richmond Valley Council
Address: Locked Bag 10
Casino NSW 2470
Contact: Sandeep Chugh
Sampled by: Client
Subcontract Laboratory: Envirolab (NATA2901)
Subcontract Reference: 258830

Final report

Report no: 20/1959
Date received: 22/12/2020
Testing commenced: 22/12/2020
Date reported: 6/01/2021
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	20/1959-1 RVC Finished Water 22/12/2020	20/1959-2 RVC Raw Water 22/12/2020
pH	pH	APHA4500H		7.0	7.3
Electrical Conductivity	µS/cm	APHA2510B	1	437	187
Total Dissolved Solids by calc	mg/L	APHA1030E	2	280	120
Fluoride - ISE	mg/L	APHA4500FC	0.05	0.83	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	9	660
Colour (True)	Pt-Co	RWL10.02	2	<2	130
Turbidity	NTU	APHA2130B	0.1	0.13	120
Aluminium (Total)	mg/L	APHA3120B	0.005	0.011	6.11
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.01	0.005
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	6.1
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.14
Manganese (Total)	mg/L	APHA3120B	0.005	0.022	0.15
Manganese (Dissolved)	mg/L	APHA3120B	0.005	0.017	<0.005



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Sample No.: Sample description:	Unit	Method	LOR	20/1959-1 RVC Finished Water 22/12/2020	20/1959-2 RVC Raw Water 22/12/2020
Date sampled: Time sampled:					
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	61	55
Total Organic Carbon*	mg/L	Envirolab	1	4	11
Calcium	mg/L	APHA3120B	0.1	11.9	13.3
Magnesium	mg/L	APHA3120B	0.1	6.6	7.8
Hardness as CaCO ₃	mg/L	APHA2340B	1	57	65
Total Coliforms	MPN/100mL	APHA9223B	1	<1	43,320
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	238
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	2	>36,900

End of results

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:


A. Hawthorne
Laboratory Manager
Approved Authoriser