



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: 235176

Final report

Report no: 20/0149
Date received: 22/01/2020
Testing commenced: 22/01/2020
Date reported: 4/02/2020
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	20/0149-1 RVC Finished Water 21/01/2020 16:15	20/0149-2 RVC Raw Water 21/01/2020 15:00
pH	pH	APHA4500H		7.0	7.3
Electrical Conductivity	µS/cm	APHA2510B	1	423	235
Total Dissolved Solids by calc	mg/L	APHA1030E	2	271	150
Dissolved Oxygen	mg/L	APHA4500OG	0.2	9.3	7.1
Fluoride - ISE	mg/L	APHA4500FC	0.05	<u><0.050</u>	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<u>8</u>	140
Colour (True)	Pt-Co	RWL10.02	2	2	47
Turbidity	NTU	APHA2130B	0.1	0.56	20
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	55	42
Suspended Solids	mg/L	APHA2540D	1	<1	11
Total Organic Carbon*	mg/L	Envirolab	1	4	10
Aluminium (Total)	mg/L	APHA3120B	0.005	0.047	1.37
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.019	0.009



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Sample No.: Sample description: Date sampled: Time sampled:	Unit	Method	LOR	20/0149-1 RVC Finished Water 21/01/2020 16:15	20/0149-2 RVC Raw Water 21/01/2020 15:00
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	1.5
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.053
Manganese (Total)	mg/L	APHA3120B	0.005	0.044	0.058
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.027
Calcium	mg/L	APHA3120B	0.1	16.8	15.3
Magnesium	mg/L	APHA3120B	0.1	9.9	9.0
Hardness as CaCO ₃	mg/L	APHA2340B	1	83	75
Total Coliforms	MPN/100mL	APHA9223B	1	<1	2,990
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	53
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	6,500

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