



Certificate Of Analysis

Client: Richmond Valley Council

Address: Locked Bag 10
Casino NSW 2470

Contact: Sandeep Chugh

Sampled by: M.McRae

Subcontract Laboratory: Envirolab (NATA2901)

Subcontract Reference: 240848

Analysis results apply to samples as received.

Final report

Raw and Finished Weekly

Report no: 20/0608

Date received: 8/04/2020

Testing commenced: 8/04/2020

Date reported: 23/04/2020

No. of samples: 2

Revision no: 00

Sample No.: Sample description: Date sampled: Time sampled:	Unit	Method	LOR	20/0608-1 RVC Finished Water 8/04/2020	20/0608-2 RVC Raw Water 8/04/2020
pH	pH	APHA4500H		7.5	7.6
Electrical Conductivity	µS/cm	APHA2510B	1	378	279
Total Dissolved Solids by calc	mg/L	APHA1030E	2	242	179
Dissolved Oxygen	mg/L	APHA4500OG	0.2	9.2	7.7
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.15	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	28
Colour (True)	Pt-Co	RWL10.02	2	<2	14
Turbidity	NTU	APHA2130B	0.1	0.13	6.9
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	104	98
Suspended Solids	mg/L	APHA2540D	1	1	8
Total Organic Carbon*	mg/L	Envirolab	1	2	4
Aluminium (Total)	mg/L	APHA3120B	0.005	0.032	0.26
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.031	<0.005



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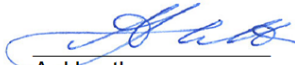
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Sample No.: Sample description: Date sampled: Time sampled:	Unit	Method	LOR	20/0608-1 RVC Finished Water 8/04/2020	20/0608-2 RVC Raw Water 8/04/2020
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	0.38
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	<0.005
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.11
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	<0.005
Calcium	mg/L	APHA3120B	0.1	21.0	21.9
Magnesium	mg/L	APHA3120B	0.1	12.1	12.7
Hardness as CaCO ₃	mg/L	APHA2340B	1	102	107
Total Coliforms	MPN/100mL	APHA9223B	1	<1	2,613
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	24
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	1,410

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