



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: 233719

Final report

Report no: 19/2151
Date received: 18/12/2019
Testing commenced: 18/12/2019
Date reported: 10/01/2020
No. of samples: 2
Revision no: 01

Analysis results apply to samples as received.

Raw and Finished Weekly

Sample No.: Sample description: Date sampled: Time sampled:	Unit	Method	LOR	19/2151-1 RVC Finished Water 18/12/2019	19/2151-2 RVC Raw Water 18/12/2019
pH	pH	APHA4500H		7.8	8.3
Electrical Conductivity	µS/cm	APHA2510B	1	604	393
Total Dissolved Solids by calc	mg/L	APHA1030E	2	387	252
Dissolved Oxygen	mg/L	APHA4500OG	0.2	7.7	5.4
Colour (Apparent)	Pt-Co	RWL10.02	2	<u>11</u>	74
Colour (True)	Pt-Co	RWL10.02	2	<2	15
Turbidity	NTU	APHA2130B	0.1	<u>1.1</u>	8.7
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	151	133
Suspended Solids	mg/L	APHA2540D	1	<1	10
Total Organic Carbon*	mg/L	Envirolab	1	4	5
Aluminium (Total)	mg/L	APHA3120B	0.005	0.079	0.13
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.058	<0.005
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	0.28



Certificate Of Analysis


Client: Richmond Valley Council

Report no: 19/2151

Sample No.: Sample description: Date sampled: Time sampled:	Unit	Method	LOR	19/2151-1 RVC Finished Water 18/12/2019	19/2151-2 RVC Raw Water 18/12/2019
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.022
Manganese (Total)	mg/L	APHA3120B	0.005	0.073	0.21
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	<0.005
Calcium	mg/L	APHA3120B	0.1	25.4	26.1
Magnesium	mg/L	APHA3120B	0.1	15.6	15.9
Hardness as CaCO ₃	mg/L	APHA2340B	1	128	131
Total Coliforms	MPN/100mL	APHA9223B	1	<1	>241,960
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	22
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	15,600

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: This is the final report that supersedes the preliminary report issued on the 24.12.19



A. Hawthorne
Laboratory Manager
Approved Authoriser