



Certificate Of Analysis

Client: Richmond Valley Council
Address: Locked Bag 10
 Casino NSW 2470
Contact: Sandeep Chugh
Sampled by: Gary Mead
Subcontract Laboratory: Envirolab (NATA2901)
Subcontract Reference: 11803

Final report

Report no: 20/0289
Date received: 12/02/2020
Testing commenced: 12/02/2020
Date reported: 25/02/2020
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	20/0289-1 RVC Finished Water 12/02/2020 12:30	20/0289-2 RVC Raw Water 12/02/2020 10:30
pH	pH	APHA4500H		7.2	7.3
Electrical Conductivity	µS/cm	APHA2510B	1	428	238
Total Dissolved Solids by calc	mg/L	APHA1030E	2	274	152
Dissolved Oxygen	mg/L	APHA4500OG	0.2	8.0	6.2
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.07	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	230
Colour (True)	Pt-Co	RWL10.02	2	<2	90
Turbidity	NTU	APHA2130B	0.1	0.12	46
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	63	53
Suspended Solids	mg/L	APHA2540D	1	<1	36
Total Organic Carbon*	mg/L	Envirolab	1	6	13
Aluminium (Total)	mg/L	APHA3120B	0.005	0.035	2.19
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.035	0.11



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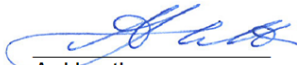
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Sample No.: Sample description:	Unit	Method	LOR	20/0289-1 RVC Finished Water 12/02/2020 12:30	20/0289-2 RVC Raw Water 12/02/2020 10:30
Iron (Total)	mg/L	APHA3120B	0.005	<0.005	3.2
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.24
Manganese (Total)	mg/L	APHA3120B	0.005	0.006	0.072
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.005
Calcium	mg/L	APHA3120B	0.1	14.9	15.2
Magnesium	mg/L	APHA3120B	0.1	8.3	8.9
Hardness as CaCO ₃	mg/L	APHA2340B	1	71	75
Total Coliforms	MPN/100mL	APHA9223B	1	<1	29,090
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	155
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	23,900

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