



Certificate Of Analysis

Client: Richmond Valley Council
Address: Locked Bag 10
Casino NSW 2470
Contact: Sandeep Chugh
Sampled by: Gary Mead
Subcontract Laboratory: Envirolab (NATA 2901) / UUQ (NATA 11085)
Subcontract Reference: 248553 / 20-07366-B

Final report

Report no: 20/1192
Date received: 5/08/2020
Testing commenced: 5/08/2020
Date reported: 18/08/2020
No. of samples: 2
Revision no: 00

Analysis results apply to samples as received.

Raw and Finished Mthly

Sample No.: Sample description:	Unit	Method	LOR	20/1192-1 RVC Finished Water 5/08/2020 12:30	20/1192-2 RVC Raw Water 5/08/2020 08:30
Date sampled:					
Time sampled:					
pH	pH	APHA4500H		7.5	7.6
Electrical Conductivity	µS/cm	APHA2510B	1	299	225
Total Dissolved Solids by calc	mg/L	APHA1030E	2	191	144
Dissolved Oxygen	mg/L	APHA4500OG	0.2	10.1	10.1
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.04	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	82
Colour (True)	Pt-Co	RWL10.02	2	<2	16
Turbidity	NTU	APHA2130B	0.1	0.16	14
Aluminium (Total)	mg/L	APHA3120B	0.005	0.058	1.06
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.033	0.008
Iron (Total)	mg/L	APHA3120B	0.005	0.007	1.2
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.044
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.044



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Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	<0.005
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	81	80
Suspended Solids	mg/L	APHA2540D	1	1	11
Total Organic Carbon*	mg/L	Envirolab	1	2	5
Phosphorus - Total	mg/L	RWL 10.07	0.05	<0.05	0.09
Nitrogen - Nitrite-N	mg/L	RWL 10.05	0.01	<0.01	<0.01
Nitrogen - Nitrate-N	mg/L	RWL 10.05	0.05	0.40	0.37
Total Trihalomethanes*	µg/L	Envirolab	1	21	[NA]
2-methylisoborneol*	ng/L	UUQ	2	[NA]	<2.0
Geosmin*	ng/L	UUQ	2	[NA]	<2.0
Calcium	mg/L	APHA3120B	0.1	16.1	16.3
Magnesium	mg/L	APHA3120B	0.1	9.7	9.9
Hardness as CaCO ₃	mg/L	APHA2340B	1	80	81
Total Coliforms	MPN/100mL	APHA9223B	1	<1	1,733
<i>E. coli</i>	MPN/100mL	APHA9223B	1	<1	93
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	600



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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