



Certificate Of Analysis

Client: Richmond Valley Council

Address: Locked Bag 10
Casino NSW 2470

Contact: Aidan Macqueen

Sampled by: Client

Subcontract Laboratory: Envirolab (NATA2901)

Subcontract Reference: 197047

Analysis results apply to samples as received.

Final report

Raw and Finished Weekly

Report no: 18/1134

Date received: 24/07/2018

Testing commenced: 24/07/2018

Date reported: 3/08/2018

No. of samples: 2

Revision no: 00

Sample No.: Sample description:	Unit	Method	LOR	18/1134-1 RVC Finished Water 24/07/2018 11:00	18/1134-2 RVC Raw Water 24/07/2018 11:30
pH	pH	APHA4500H		7.7	8.0
Electrical Conductivity	µS/cm	APHA2510B	1	335	314
Total Dissolved Solids by calc	mg/L	APHA1030E	2	214	201
Dissolved Oxygen	mg/L	APHA4500OG	0.2	10.3	10.3
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.04	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	20
Colour (True)	Pt-Co	RWL10.02	2	<2	8
Turbidity	NTU	APHA2130B	0.1	0.20	3.5
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	111	117
Suspended Solids	mg/L	APHA2540D	1	<1	2
Total Organic Carbon*	mg/L	Envirolab	1	2	3
Aluminium (Total)	mg/L	APHA3120B	0.005	0.15	0.22
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.084	0.009



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Iron (Total)	mg/L	APHA3120B	0.005	0.006	0.25
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.016
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.031
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	<0.005
Calcium	mg/L	APHA3120B	0.1	20.2	20.2
Magnesium	mg/L	APHA3120B	0.1	13.7	13.7
Hardness as CaCO ₃	mg/L	APHA2340B	1	107	107
Total Coliforms	MPN/100mL	APHA9223B	1	<1	649
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	24
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	166

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.
NATA accreditation does not cover the performance of this service. Tests marked with * are subcontracted.
LOR denotes 'Limit of Reporting'

Specific comments:


M Window
Laboratory Analyst
Approved Authoriser