



Certificate Of Analysis

Client: Richmond Valley Council

Address: Locked Bag 10
Casino NSW 2470

Contact: David Cash

Sampled by: Gary Mead

Subcontract Laboratory: Envirolab (NATA2901)

Subcontract Reference: 215992

Analysis results apply to samples as received.

Final report

Raw and Finished Weekly

Report no: 19/0658

Date received: 16/04/2019

Testing commenced: 16/04/2019

Date reported: 30/04/2019

No. of samples: 2

Revision no: 00

Sample No.: Sample description: Date sampled: Time sampled:	Unit	Method	LOR	19/0658-1 RVC Finished Water 16/04/2019	19/0658-2 RVC Raw Water 16/04/2019
pH	pH	APHA4500H		6.8	7.9
Electrical Conductivity	µS/cm	APHA2510B	1	389	268
Total Dissolved Solids by calc	mg/L	APHA1030E	2	249	172
Dissolved Oxygen	mg/L	APHA4500OG	0.2	8.5	8.0
Fluoride - ISE	mg/L	APHA4500FC	0.05	1.05	[NA]
Colour (Apparent)	Pt-Co	RWL10.02	2	<2	36
Colour (True)	Pt-Co	RWL10.02	2	<2	15
Turbidity	NTU	APHA2130B	0.1	<0.10	3.9
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	91	59
Suspended Solids	mg/L	APHA2540D	1	<1	6
Total Organic Carbon*	mg/L	Envirolab	1	3	5
Aluminium (Total)	mg/L	APHA3120B	0.005	0.061	0.15
Aluminium (Dissolved)	mg/L	APHA3120B	0.005	0.051	0.019



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Iron (Total)	mg/L	APHA3120B	0.005	<0.005	0.24
Iron (Dissolved)	mg/L	APHA3120B	0.005	<0.005	0.040
Manganese (Total)	mg/L	APHA3120B	0.005	<0.005	0.050
Manganese (Dissolved)	mg/L	APHA3120B	0.005	<0.005	<0.005
Calcium	mg/L	APHA3120B	0.1	18.3	18.3
Magnesium	mg/L	APHA3120B	0.1	11.6	11.4
Hardness as CaCO ₃	mg/L	APHA2340B	1	93	93
Total Coliforms	MPN/100mL	APHA9223B	1	<1	1,414
<i>E.coli</i>	MPN/100mL	APHA9223B	1	<1	18
Heterotrophic Plate Count	MPN/mL	APHA9215E	2	<2	1,500

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'
< denotes less than; > denotes greater than; ND denotes 'not detected'

Specific comments:


A. Hawthorne
Laboratory Manager
Approved Authoriser