



## Certificate Of Analysis

**Client:** Richmond Valley Council  
**Address:** Locked Bag 10  
 Casino NSW 2470  
**Contact:** Sandeep Chugh  
**Sampled by:**  
**Subcontract Lab:** Envirolab (NATA2901)  
**Subcontract Ref:** 267433  
*Samples analysed as received.*

**Report No.:** 21/0563  
**Revision No.** 00  
**Date received:** 21/04/2021  
**Date commenced:** 21/04/2021  
**Date reported:** 3/05/2021  
**No. of samples:** 2

1	Method No.	Limit of Reporting	Unit	Result
<b>RVC Finished Water 21/04/2021</b>				
Alkalinity (as CaCO <sub>3</sub> )	APHA2320B	20	mg/L	129
Aluminium (Dissolved)	APHA3120B	0.005	mg/L	0.034
Aluminium (Total)	APHA3120B	0.005	mg/L	0.038
Calcium	APHA3120B	0.1	mg/L	16.0
Colour (Apparent)	RWL10.02	2	Pt-Co	<2
Colour (True)	RWL10.02	2	Pt-Co	<2
<i>E. coli</i>	APHA9223B	1	MPN/100mL	<1
Electrical Conductivity	APHA2510B	1	µS/cm	391
Fluoride - ISE	APHA4500FC	0.05	mg/L	0.996
Hardness as CaCO <sub>3</sub>	APHA2340B	1	mg/L	79
Heterotrophic Plate Count	APHA9215E	2	MPN/mL	<2
Iron (Dissolved)	APHA3120B	0.005	mg/L	<0.005
Iron (Total)	APHA3120B	0.005	mg/L	<0.005
Magnesium	APHA3120B	0.1	mg/L	9.6
Manganese (Dissolved)	APHA3120B	0.005	mg/L	<0.005
Manganese (Total)	APHA3120B	0.005	mg/L	<0.005
pH	APHA4500H		pH	7.5
Suspended Solids	APHA2540D	1	mg/L	1
Total Coliforms	APHA9223B	1	MPN/100mL	<b>25</b>
Total Dissolved Solids by calc	APHA1030E	2	mg/L	250
Total Organic Carbon*	Envirolab	1	mg/L	2
Turbidity	APHA2130B	0.1	NTU	<0.10
VHC's*	Envirolab	1	µg/L	See Attached

End of results  
 This is the Final Report

**Notes:** < denotes less than; > denotes greater than; ND denotes 'not detected'; LOR denotes 'Limit of reporting'

A. Hawthorne  
 Laboratory Manager  
 Approved Authoriser



## Certificate Of Analysis

Report No.: 21/0563 cont.

2	Method No.	Limit of Reporting	Unit	Result
<b>RVC Raw Water</b> <b>21/04/2021</b>				
Alkalinity (as CaCO <sub>3</sub> )	APHA2320B	20	mg/L	85
Aluminium (Dissolved)	APHA3120B	0.005	mg/L	0.006
Aluminium (Total)	APHA3120B	0.005	mg/L	2.11
Calcium	APHA3120B	0.1	mg/L	17.9
Colour (Apparent)	RWL10.02	2	Pt-Co	170
Colour (True)	RWL10.02	2	Pt-Co	35
<i>E. coli</i>	APHA9223B	1	MPN/100mL	196
Electrical Conductivity	APHA2510B	1	µS/cm	233
Hardness as CaCO <sub>3</sub>	APHA2340B	1	mg/L	89
Heterotrophic Plate Count	APHA9215E	2	MPN/mL	3,850
Iron (Dissolved)	APHA3120B	0.005	mg/L	0.045
Iron (Total)	APHA3120B	0.005	mg/L	2.3
Magnesium	APHA3120B	0.1	mg/L	10.8
Manganese (Dissolved)	APHA3120B	0.005	mg/L	0.008
Manganese (Total)	APHA3120B	0.005	mg/L	0.043
OC/OP in Water - Low*	Envirolab	D	µg/LD/ND	[ND]
pH	APHA4500H		pH	7.7
Suspended Solids	APHA2540D	1	mg/L	22
Total Coliforms	APHA9223B	1	MPN/100mL	5,955
Total Dissolved Solids by calc	APHA1030E	2	mg/L	149
Total Organic Carbon*	Envirolab	1	mg/L	5
Turbidity	APHA2130B	0.1	NTU	23
VHC's*	Envirolab	1	µg/L	[ND]

End of results

This is the Final Report

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This report must not be reproduced except in full  
This report relates only to the items tested as specified herein  
Samples analysed between date received and date reported

Accredited for compliance with ISO/IEC 17025 - Testing  
The results of the tests, calibrations and/or measurements included in  
this document are traceable to Australian/national standards

# denotes tests that are not covered under the scope of accreditation  
\* denotes tests that are subcontracted  
LOR denotes 'Limit of Reporting'

A. Hawthorne  
Laboratory Manager  
Approved Authoriser