

Certificate Of Analysis

Client: Richmond Valley Council

Address: Locked Bag 10
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Contact: Sandeep Chugh

Sampled by: Michael MacRae

Subcontract Laboratory: Envirolab(NATA2901)/UUQ (NATA11085)/DPI

Subcontract Reference: 291403 / 22-02290 / WN220289

Analysis results apply to samples as received.

Final report

Raw and Finished Mthly

Report no: 22/0337

Date received: 9/03/2022

Testing commenced: 9/03/2022

Date reported: 12/04/2022

No. of samples: 2

Revision no: 00

Sample No.: Sample description: Date sampled: Time sampled:	Unit	LOR	22/0337-1 RVC Finished Water 9/03/2022	22/0337-2 RVC Raw Water 9/03/2022
2-methylisoborneol*	ng/L	2	[NA]	<2.0
Alkalinity (as CaCO ₃)	mg/L	20	110	79
Aluminium (Dissolved)	mg/L	0.005	0.019	0.41
Aluminium (Total)	mg/L	0.005	0.044	9.00
DPI - Calcium*	mg/L		16	19
Colour (Apparent)	Pt-Co	2	<2	16
Colour (True)	Pt-Co	2	3	770
Dissolved Organic Carbon*	mg/L	1	2	6
<i>E. coli</i>	MPN/100mL	1	<1	[NT]
Electrical Conductivity	µS/cm	1	440	210
Fluoride - ISE	mg/L	0.05	0.86	[NA]
Geosmin*	ng/L	2	[NA]	<2.0
Hardness as CaCO ₃	mg/L	1		

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Sample No.: Sample description: Date sampled: Time sampled:	Unit	LOR	22/0337-1 RVC Finished Water 9/03/2022	22/0337-2 RVC Raw Water 9/03/2022
DPI - Hardness*	mg/L		63	61
Iron (Dissolved)	mg/L	0.005	<0.005	0.51
Iron (Total)	mg/L	0.005	<0.005	16.0
DPI - Magnesium*	mg/L		8	11
Manganese (Dissolved)	mg/L	0.005	<0.005	<0.005
Manganese (Total)	mg/L	0.005	<0.005	0.38
Nitrogen - Nitrate-N	mg/L	0.05	0.24	0.78
DPI - Nitrate*	mg/L		0	0
Nitrogen - Nitrite-N	mg/L	0.01	<0.01	<0.01
pH	pH		7.50	7.40
Phosphorus - Total	mg/L	0.05	<0.05	0.50
DPI - Suspended Solids*	mg/L		<1.0	420
Total Coliforms	MPN/100mL	1	<1	12,000
TDS Calculation	mg/L	1	282	134
Total Organic Carbon*	mg/L	1	2	9
Total Trihalomethanes*	µg/L	1	23	[NA]
Turbidity	NTU	0.1	0.19	150

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End of results

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:



V. Barnett
Laboratory Analyst
Approved Authoriser