



Certificate Of Analysis

Client: Richmond Valley Council
Address: Locked Bag 10
 Casino NSW 2470
Contact: Sandeep Chugh
Sampled by: M.Hodges / M.McRae
Subcontract Laboratory: Envirolab (NATA 2901) / UUQ (NATA 11085)
Subcontract Reference: 266150 / 21-03028
Analysis results apply to samples as received.

Final report

Report no: 21/0490
Date received: 7/04/2021
Testing commenced: 7/04/2021
Date reported: 20/04/2021
No. of samples: 2
Revision no: 00

Raw and Finished Mthly

Sample No.: Sample description:	Unit	LOR	21/0490-1 RVC Finished Water 7/04/2021 13:20	21/0490-2 RVC Raw Water 7/04/2021 10:00
pH	pH		7.1	7.3
Electrical Conductivity	µS/cm	1	378	122
Total Dissolved Solids by calc	mg/L	2	242	78
Fluoride - ISE	mg/L	0.05	1.00	[NA]
Colour (Apparent)	Pt-Co	2	3	1,110
Colour (True)	Pt-Co	2	<2	140
Turbidity	NTU	0.1	<0.10	210
Aluminium (Total)	mg/L	0.005	0.020	8.25
Aluminium (Dissolved)	mg/L	0.005	0.019	0.037
Iron (Total)	mg/L	0.005	<0.005	14.4
Iron (Dissolved)	mg/L	0.005	<0.005	0.18
Manganese (Total)	mg/L	0.005	0.005	0.34
Manganese (Dissolved)	mg/L	0.005	0.005	<0.005



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Sample No.: Sample description:	Unit	LOR	21/0490-1 RVC Finished Water	21/0490-2 RVC Raw Water
Date sampled:			7/04/2021	7/04/2021
Time sampled:			13:20	10:00
Alkalinity (as CaCO ₃)	mg/L	20	64	41
Total Organic Carbon*	mg/L	1	4	14
Phosphorus - Total	mg/L	0.05	0.08	0.78
Nitrogen - Nitrite-N	mg/L	0.01	<0.01	<0.01
Nitrogen - Nitrate-N	mg/L	0.05	0.17	0.09
Dissolved Organic Carbon*	mg/L	1	4	12
Total Trihalomethanes*	µg/L	1	13	[NA]
2-methylisoborneol*	ng/L	2	[NA]	<2.0
Geosmin*	ng/L	2	[NA]	<2.0
Calcium	mg/L	0.1	9.3	10.7
Magnesium	mg/L	0.1	5.1	6.9
Hardness as CaCO ₃	mg/L	1	44	55
Suspended Solids	mg/L	1	1	350
Total Coliforms	MPN/100mL	1	<1	173,290
<i>E. coli</i>	MPN/100mL	1	<1	3,050
Heterotrophic Plate Count	MPN/mL	2	<2	>73,800



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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:

A. Hawthorne
Laboratory Manager
Approved Authoriser