

Certificate Of Analysis

Client: Richmond Valley Council
Address: Locked Bag 10
 Casino NSW 2470
Contact: Sandeep Chugh
Sampled by: Serena Tomkins
Subcontract Laboratory: NSW DPI (NATA 14173)
Subcontract Reference: WN220782

Final report

Report no: 22/0633
Date received: 18/05/2022
Testing commenced: 18/05/2022
Date reported: 15/06/2022
No. of samples: 2
Revision no: 01

Analysis results apply to samples as received.

Raw and Finished Weekly

Sample No.: Sample description:	Unit	LOR	22/0633-1 RVC Finished Water 18/05/2022 12:30	22/0633-2 RVC Raw Water 18/05/2022 09:25
DPI - Alkalinity*	mg/L	14	97	75
DPI - Aluminium (Dissolved)*	mg/L	0.001	0.016	1
DPI - Aluminium (Total)*	mg/L	0.001	0.031	6.0
DPI - Calcium*	mg/L	0.03	14	13
DPI - Colour Apparent*	CU		[NT]	652
DPI - Colour True*	CU	1	1	58
DPI - Dissolve Organic Carbon*	mg/L		2	5
DPI - E-Coli*	MPN/100ml	1	<1	1,100
DPI - Electrical Conductivity*	µS/cm	10	370	190
DPI - Fluoride*	mg/L	0.2	0.88	[NA]
DPI - Hardness*	mg/L	1.0	64	62
DPI - Iron (Dissolved)*	mg/L		0.0006	0.76
DPI - Iron (Total)*	mg/L	0.005	0.021	12

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Sample No.: Sample description:	Unit	LOR	22/0633-1 RVC Finished Water 18/05/2022 12:30	22/0633-2 RVC Raw Water 18/05/2022 09:25
DPI - Magnesium*	mg/L	0.01	7.4	7.2
DPI - Manganese (Dissolved)*	mg/L	0.0005	0.0008	0.003
DPI - Manganese (Total)*	mg/L	0.0005	0.001	0.27
DPI - Nitrate*	mg/L	0.2	<0.20	0.21
DPI - Nitrite*	mg/L		<0.010	<0.010
DPI - pH*			7.4	7.3
DPI - Phosphorus - Total*	mg/L	0.03	<0.030	0.47
DPI - Suspended Solids*	mg/L	1	<1.0	220
DPI - Total Coliforms*	MPN/100ml	1	<1	17,000
DPI - TDS by calc*	mg/L	6	250	130
DPI - Total Organic Carbon*	mg/L		2	6
DPI - Turbidity*	NTU	0.07	0.23	160

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: This is the final report that supersedes the previous report issued, metals reported as ug/L and corrected to mg/L.



V. Barnett
Laboratory Analyst
Approved Authoriser