



Certificate Of Analysis

Client: Richmond Valley Council
Address: Locked Bag 10
Casino NSW 2470
Contact: Sandeep Chugh
Sampled by: Peter Mills
Subcontract Laboratory: Envirolab (NATA 2901) / UUQ (NATA 11085)
Subcontract Reference: 270856 / 21-04629
Analysis results apply to samples as received.

Final report

Report no: 21/0764
Date received: 2/06/2021
Testing commenced: 2/06/2021
Date reported: 22/06/2021
No. of samples: 2
Revision no: 00

Raw and Finished Mthly

| Sample No.: Sample description: | Unit | LOR | 21/0764-1 RVC Finished Water 2/06/2021 | 21/0764-2 RVC Raw Water 2/06/2021 |
|------------------------------------|-----------|-------|--|--|
| Date sampled: Time sampled: | | | | |
| Alkalinity (as CaCO ₃) | mg/L | 20 | 107 | 121 |
| Aluminium (Dissolved) | mg/L | 0.005 | 0.045 | <0.005 |
| Aluminium (Total) | mg/L | 0.005 | 0.11 | 0.45 |
| Calcium | mg/L | 0.1 | 23.7 | 24.6 |
| Colour (Apparent) | Pt-Co | 2 | <2 | 93 |
| Colour (True) | Pt-Co | 2 | <2 | 18 |
| Dissolved Organic Carbon* | mg/L | 1 | 2 | 3 |
| <i>E. coli</i> | MPN/100mL | 1 | <1 | 82 |
| Electrical Conductivity | µS/cm | 1 | 174 | 374 |
| Fluoride - ISE | mg/L | 0.05 | 1.04 | [NA] |
| 2-methylisoborneol* | ng/L | 2 | [NA] | <2.0 |
| Geosmin* | ng/L | 2 | [NA] | <2.0 |
| Hardness as CaCO ₃ | mg/L | 1 | 120 | 124 |



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|--|-------------|------------|---|--|
| Heterotrophic Plate Count | MPN/mL | 2 | 2 | 1,420 |
| Iron (Dissolved) | mg/L | 0.005 | <0.005 | 0.023 |
| Iron (Total) | mg/L | 0.005 | 0.007 | 0.82 |
| Magnesium | mg/L | 0.1 | 14.7 | 15.2 |
| Manganese (Dissolved) | mg/L | 0.005 | <0.005 | 0.024 |
| Manganese (Total) | mg/L | 0.005 | <0.005 | 0.036 |
| Nitrogen - Nitrate-N | mg/L | 0.05 | 0.06 | 0.06 |
| Nitrogen - Nitrite-N | mg/L | 0.01 | <0.01 | <0.01 |
| pH | pH | | 7.4 | 7.9 |
| Phosphorus - Total | mg/L | 0.05 | <0.05 | 0.08 |
| Suspended Solids | mg/L | 1 | 1 | 10 |
| Total Coliforms | MPN/100mL | 1 | <1 | 2,338 |
| Total Dissolved Solids by calc | mg/L | 2 | 111 | 239 |
| Total Organic Carbon* | mg/L | 1 | 2 | 3 |
| Total Trihalomethanes* | µg/L | 1 | 54 | [NA] |
| Turbidity | NTU | 0.1 | 0.18 | 7.8 |



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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:


M Window
Laboratory Analyst
Approved Authoriser