



Certificate Of Analysis

Client: Richmond Valley Council
Address: Locked Bag 10
Casino NSW 2470
Contact: Aidan Macqueen
Sampled by: Michael MacRae
Subcontract Laboratory: UUQ (NATA 11085)
Subcontract Reference: 19/03025
Analysis results apply to samples as received.

Final report

Report no: 19/0525
Date received: 26/03/2019
Testing commenced: 26/03/2019
Date reported: 8/04/2019
No. of samples: 2
Revision no: 00

Raw and Finished Weekly

| Sample No.: Sample description: | Unit | Method | LOR | 19/0525-1 RVC Finished Water 26/03/2019 11:30 | 19/0525-2 RVC Raw Water 26/03/2019 11:00 |
|------------------------------------|-------|------------|-------|--------------------------------------------------------------|------------------------------------------------------|
| Date sampled: | | | | | |
| Time sampled: | | | | | |
| pH | pH | APHA4500H | | 7.6 | 7.1 |
| Electrical Conductivity | µS/cm | APHA2510B | 1 | 509 | 250 |
| Total Dissolved Solids by calc | mg/L | APHA1030E | 2 | 326 | 160 |
| Dissolved Oxygen | mg/L | APHA4500OG | 0.2 | 7.8 | 4.1 |
| Fluoride - ISE | mg/L | APHA4500FC | 0.05 | 0.95 | [NA] |
| Colour (Apparent) | Pt-Co | RWL10.02 | 2 | 3 | 870 |
| Colour (True) | Pt-Co | RWL10.02 | 2 | <2 | 41 |
| Turbidity | NTU | APHA2130B | 0.1 | 0.18 | 210 |
| Alkalinity (as CaCO ₃) | mg/L | APHA2320B | 20 | 94 | 57 |
| Suspended Solids | mg/L | APHA2540D | 1 | <1 | 123 |
| Total Organic Carbon* | mg/L | Envirolab | 1 | 3 | 11 |
| Aluminium (Total) | mg/L | APHA3120B | 0.005 | 0.060 | 17.3 |
| Aluminium (Dissolved) | mg/L | APHA3120B | 0.005 | 0.058 | 0.47 |



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|------------------------------------|-----------|-----------|-------|--------------------------------------------------------------|------------------------------------------------------|
| Date sampled: | | | | | |
| Time sampled: | | | | | |
| Iron (Total) | mg/L | APHA3120B | 0.005 | <0.005 | 11.6 |
| Iron (Dissolved) | mg/L | APHA3120B | 0.005 | <0.005 | 0.32 |
| Manganese (Total) | mg/L | APHA3120B | 0.005 | 0.009 | 0.14 |
| Manganese (Dissolved) | mg/L | APHA3120B | 0.005 | <0.005 | 0.021 |
| Calcium | mg/L | APHA3120B | 0.1 | 14.5 | 15.0 |
| Magnesium | mg/L | APHA3120B | 0.1 | 9.1 | 10.1 |
| Hardness as CaCO ₃ | mg/L | APHA2340B | 1 | 74 | 79 |
| Total Coliforms | MPN/100mL | APHA9223B | 1 | <1 | 6,310 |
| <i>E.coli</i> | MPN/100mL | APHA9223B | 1 | <1 | 152 |
| Heterotrophic Plate Count | MPN/mL | APHA9215E | 2 | <2 | 46,500 |

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.
NATA accreditation does not cover the performance of this service. Tests marked with * are subcontracted.
LOR denotes 'Limit of Reporting'

Specific comments:

V. Barnett
Laboratory Analyst
Approved Authoriser