



Certificate Of Analysis

Client: Richmond Valley Council
Address: Locked Bag 10
Casino NSW 2470
Contact: Aidan Macqueen
Sampled by: Gary Mead
Subcontract Laboratory: Envirolab (NATA2901)
Subcontract Reference: 182266

Final report

Report no: 17/2029
Date received: 12/12/2017
Testing commenced: 12/12/2017
Date reported: 22/12/2017
No. of samples: 2
Revision no: 00

Analysis results apply to samples as received.

Raw and Finished Weekly

| Sample No.: Sample description: Date sampled: | Unit | Method | LOR | 17/2029-1 RVC Finished Water 12/12/2017 | 17/2029-2 RVC Raw Water 12/12/2017 |
|---|-------|------------|-------|---|---|
| pH | pH | APHA4500H | | 7.5 | 7.6 |
| Electrical Conductivity | µS/cm | APHA2510B | 1 | 379 | 208 |
| Total Dissolved Solids by calc | mg/L | APHA1030E | 2 | 243 | 133 |
| Dissolved Oxygen | mg/L | APHA4500OG | 0.2 | 8.7 | 7.4 |
| Fluoride - ISE | mg/L | APHA4500FC | 0.05 | 1.04 | [NA] |
| Colour (Apparent) | Pt-Co | RWL10.02 | 2 | <2 | 210 |
| Colour (True) | Pt-Co | RWL10.02 | 2 | <2 | 79 |
| Turbidity | NTU | APHA2130B | 0.1 | 0.17 | 52 |
| Alkalinity (as CaCO3) | mg/L | APHA2320B | 20 | 86 | 72 |
| Suspended Solids | mg/L | APHA2540D | 1 | 1 | 34 |
| Total Organic Carbon* | mg/L | Envirolab | 1 | 2 | 4 |
| Aluminium (Total) | mg/L | APHA3120B | 0.005 | 0.11 | 4.51 |
| Aluminium (Dissolved) | mg/L | APHA3120B | 0.005 | 0.074 | 0.27 |
| Iron (Total) | mg/L | APHA3120B | 0.005 | 0.009 | 6.0 |



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|---|-----------|-----------|-------|---|---|
| Iron (Dissolved) | mg/L | APHA3120B | 0.005 | <0.005 | 0.30 |
| Manganese (Total) | mg/L | APHA3120B | 0.005 | <0.005 | 0.078 |
| Manganese (Dissolved) | mg/L | APHA3120B | 0.005 | <0.005 | 0.008 |
| Calcium | mg/L | APHA3120B | 0.1 | 15.3 | 15.7 |
| Magnesium | mg/L | APHA3120B | 0.1 | 9.7 | 10.5 |
| Hardness as CaCO ₃ | mg/L | APHA2340B | 1 | 78 | 82 |
| Total Coliforms | MPN/100mL | APHA9223B | 1 | <1 | 3,340 |
| <i>E.coli</i> | MPN/100mL | APHA9223B | 1 | <1 | 291 |
| Heterotrophic Plate Count | MPN/mL | APHA9215E | 2 | 2 | 3,900 |

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:

M Window
Laboratory Analyst
Approved Authoriser